

Blackmagic Design



BlackMagic HyperDeck Studio 2

Introducing BlackMagic HyperDeck Studio 2 the world's first uncompressed HD disk recorder that lets you record forever! HyperDeck Studio features dual SSD slots.

**Professional VTR functionality without the high price tag**

Introducing the world's first uncompressed HD disk recorder that lets you record forever!

HyperDeck Studio features...

**\$1,895.25**



Blackmagic Multidock

Blackmagic MultiDock is the perfect solution for mounting your media disks onto your Thunderbolt and Thunderbolt 2 based computer.

With Blackmagic MultiDock, you get a super fast 4 disk docking solution in a compact rack mount design that lets you insert and remove disks as you need and edit directly from the disks.

Blackmagic MultiDock...

**\$565.25**



Blackmagic Multiview 16

This is a brand new product from the people at Blackmagic Design, the Blackmagic Multiview 16 allows the user to monitor up to 16 SDI sources using an Ultra HD monitor or television so you get twice the resolution per view! Monitor from SD, HD or Ultra HD SDI sources in any combination, in any order and features full frame re-sync on each...

**\$1,325.25**



Blackmagic Smart Video Hub 20X20

This is a brand new product, the Blackmagic Smart Video Hub 20X20 is a larger advanced Ultra HD mixed format router with built in control panel and monitoring. Ideal for larger workgroups and mobile broadcasting, it includes advanced 6G-SDI connections so you can simultaneously connect and route any combination of SD, HD and Ultra HD video...

**\$1,895.00**



Blackmagic Smart Videohub 12X12

Brand new Blackmagic Smart Videohub 12X12 is the world's most advanced Ultra HD mixed format router with built in control panel and monitoring. Ideal for small workgroups and fly away kits, it includes advanced 6G-SDI connections so you can simultaneously connect and route any combination of SD, HD and Ultra HD video all on the same router...

**\$1,325.25**



Blackmagic Video Hub Master Control

Videohub Master Control lets you scroll your router sources and destinations with the easy to use spin knob control or via direct button entry.



The **Blackmagic Design Videohub Master Control** is the ultimate control system for Blackmagic's Videohub family, letting you control all Videohubs, from the one with least amount of inputs to the...

**\$660.00**

**New Era Systems catalog**

This catalog was generated on July 13, 2017

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New

**Smartview HD**

New SmartView HD features an amazing 17" LCD screen that lets you monitor SD, HD and 3Gb/s SDI video in full resolution HD. Just as impressive is its ultra slim, 6RU rack mountable design. Only an inch thick, it's the perfect size for all your SDI monitoring needs.

What's more, SmartView HD can be conveniently adjusted from your Mac or...

**\$850.00**

Cables

Cameras



**Blackmagic Studio Camera HD**

Blackmagic Studio Camera HD The Blackmagic Studio Camera HD is the world's most advanced broadcast camera for live production!

You get a massive 10" view finder, MFT lens mount, 4 hour battery, talkback, tally indicators, phantom powered microphone connections and built in optical fiber and SDI connections that lets you connect to your...

**\$1,895.25**



**Blackmagic URSA Cinema Camera - EF**

Blackmagic URSA Cinema Camera - EF with the EF lens mount and amazing 4K Super 35 image sensor with global shutter installed. The EF lens mount includes active lens control for compatibility with both active and passive EF mount lenses. URSA EF makes it easy to use a wide range of high quality lenses such as low cost DSLR photo lenses from...

**\$5,695.25**



**Blackmagic URSA Cinema Camera - PL**

Blackmagic URSA Cinema Camera Large 4K Super 35 image sensor with global shutter and the film industry PL Lens mount installed. Effective Resolution 3840 x 2160, 4000 x 2160 RAW



The URSA has a "super 35" CMOS image sensor that comes in at 21.12 x 11.88mm. This will give you a 1.7x crop factor when you slap a full frame lens on it....

**\$6,170.00**

## Amplifiers & Accessories

### C-Band Amplifiers



#### Actox 20 Watt C-Band BUC Model ABD20DCF

Used Actox 20 Watt C-Band BUC model ABD20DCF, tested and guaranteed. These amplifiers are used extensively by VSAT terminals. The frequency range is 5.850 - 6.725, LO 4.9GHz. The BUC uses AC power and needs an external 10MHz reference.



This is a unique Ext. C-Band (5.850-6.725 GHz) 20W Block Up Converter powered with auto-ranging...

**\$1,950.00**



#### Actox ABD30DC 30 Watt C-Band BUC

Actox 30 Watt C-Band BUC, tested and guaranteed.



This is a unique Ext. C-Band (5.850-6.725 GHz) 30W Block Up Converter powered with auto-ranging 80-240 VAC or 38-56 VDC unit, designed for mobile applications especially when an earth station needs to be able to use different C-Band (Standard or Palapa) transponders or satellites....

**\$2,200.00**



#### Actox ABD30DC 30 Watt C-Band BUC (New)

Actox 30 Watt C-Band BUC, tested and guaranteed is brand new.



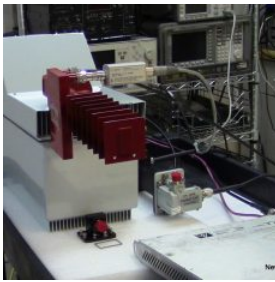
This is a unique Ext. C-Band (5.850-6.725 GHz) 30W Block Up Converter with the LO frequency of 4900 MHz. It is powered with auto-ranging 80-240 VAC or 38-56 VDC unit.

It's light enough to be mounted on a feed horn of most antennas.

**\$3,675.00**

**New Era Systems catalog**

This catalog was generated on July 13, 2017

**Anacom Anasat 50EC 50W C-Band Transceiver**

Never used Anacom 50W C-Band Transceiver, complete with software and cables.

**ANACOM ELSAT 20EC-EL C-BAND BUC**

ANACOM ELSAT 20EC-EL C-BAND BUC

This 20W C-band BUC from Anacom is new and shows only 2.5 days of test time. It has some scratches and bent fins probably caused when it was removed from the original box and stored on a shelf.

The Anacom ELSAT 20EC-EL will be shipped with a power cable, C&C Cable and a 4ft piece of SF214 transmit cable...

**\$2,900.00**

**Anasat 20EC 20 Watt C-Band Transceiver**

Anacom 20 Watt C-Band Transceiver, The frequency range is Transmit 5850 to 6425 MHz, and Receive 3625 to 4200 MHz. This transceiver is fully tested and guaranteed.



Transceivers are comprised of three separate components, a 70 MHz to C-Band upconverter, a C-Band SSPA amplifier and a C-Band to 70 MHz downconverter. The Type N connector...

**\$2,650.00**

Anacom's series of Extended C-band VSAT transceivers are available in transmitter output levels up to 100 Watts, in single or redundant configurations. Output: Waveguide. These transceivers are ruggedly built for continuous outdoor duty in all types of...

**\$7,900.00**

**Anasat 20W XC 20W Extended C-Band Transceiver**

Used Anacom anasat-20w-xc 20W extended C-band Frequency transceiver. The frequency range is 4.5GHz to 4.8GHz receive, and 6.725 to 7.025GHz transmit. This frequency range is called Palapa.

**Anasat 40EC C-Band transceiver**

This used Anasat 40EC C-Band transceiver has a 40 watt extended C-Band frequency range. It appears to have very little or no use. We have tested it and found it to be in excellent working condition.

**Features**

- Built in test facilities for improved maintainability and reduced dependence on external test equipment
- No indoor equipment is...

**\$3,200.00**



Anacom offers a full software package that allows an external terminal (or computer) to be connected to monitor a number of critical...

**\$3,900.00**

**Belcom mBLC-2 C-Band BUC**

Brand new (old stock) Belcom mBLC-2 C-Band BUC. Frequency range 5.8 to 6.425 GHz. F Connector and LO Frequency 4.9 GHz



The C Band VSAT upconverter transmitter is a linear outdoor unit used for the uplink of a VSAT network. Its output power, phase locked local oscillator source, compact size and competitive price make this unit ideal...

**\$185.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### Comtech CSAT 5060-100 C-Band Transceiver

Each Comtech EFData CSAT 5060-100 C-Band Transceiver, amplifier is equipped with a redundancy controller allowing us to offer a fully redundant amplifier system. The were upgraded and Refurbished at the factory, and are still packed in original factory crate.



The manufactures literature presents some highlights of the transceiver:

**\$10,800.00**



### Comtech CSAT-5060S-025 25W C-Band Transceiver

This is a 25W C-Band transceiver manufactured by Comtech EFData. This amplifier does not work and consequently should be only **purchased for spare parts**.



INTRODUCTION The CSAT-5060 C-Band Transceiver provides superior performance, long-term reliability, and ease of installation.

A very price competitive product, the CSAT-5060 embodies...

**\$350.00**



### Comtech EF 50W C-Band BUC

Comtech EF 50W C-Band BUC has a full model number of Comtech EFData LPC0-63.

The BUC is labeled as 50 watt PSAT w with a 40 watt P1dB output. The frequency range is standard C-Band is 5850 to 6425 GHz.



This Comtech EF 50W C-Band BUC has never been used in production, it is in brand new condition. We supply it with a power cord and a...

**\$6,995.00**



### Comtech EFData LPOD 200W C-Band BUC

Comtech EFData LPOD 200W C-Band BUC is a new 200 Watt C-Band BUC that has tested well above its designed output. We have included the full test results in the Downloads Section.



Amplifier manufacturers use two different ways to describe the output power of their products. Comtech call this amplifier a 200 watt, but other manufacturers...

**\$17,450.00**



### CPI VZC6994 400 Watt C-Band TWTA

CPI VZC6994 400 Watt C-Band TWTA is a C-Band rack mount satellite amplifier. In addition to having excellent test results it has only 10,000 hours on the clock.



#### Compact

CPI VZC-6994 400 Watt C-Band TWTA provides 400 watts of power in a 3 rack unit package, digital ready, for wideband, single- and multi-carrier satellite service over any...

**\$12,350.00**



### EFData 20W C-band Transceiver BUC

EFData 20W C-band Transceiver with frequency range of 5845 to 6425 Mhz. They are typical transceivers with 70 MHz input and 70 MHz output.



As part of our testing we decided to take on of this EFData 20W C-band Transceiver apart to look within. During this inspect we found that it would be **a simple conversion from Transceiver to C-Band...**

**\$989.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### Mitec 10W C-Band BUC - WTX-596440-70-ES-25

Used Mitec 10W C-Band BUC model WTX-596440-70-ES-25. These BUCs require 10 MHz reference plus 24VDC on the IFL cable and 110V at the amplifier. Their full C-Band Frequency range is TX 5850 to 6450 Mhz.

These amplifiers are used extensively by VSAT terminals.

Two of the amplifiers appear to be brand new, and they are fully tested and...

~~\$4,950.00~~ **\$1,350.00**



### NJT5670F 5 Watt C-Band BUC

The Mitec NJT5670F 5 Watt C-Band BUC is a used high range C-Band 5 Watt BUC. The output covers the C-Band range from 6.725 to 7.025 GHz. The BUC has a WR75 Flange and F-Type input connector.

These type of amplifiers are used extensively by VSAT terminals.



VSAT BUCs of this type require a 10 MHz reference and 24VDC to be supplied via...

~~\$350.00~~ **\$295.00**



### Paradise HPAC3-250 250W C-Band SSPA

Used 250W C-Band SSPA rack mount, 4RU C-Band SSPA fully tested and guaranteed and ready for immediate shipment.



Teledyne Paradise Datacom's Indoor, Rack Mount (R) series SSPAs represent the latest in High Power Microwave Amplifier Technology. The 4RU SSPA chassis achieves the highest power density in the industry along with enhanced...

**\$13,900.00**



### Terrasat 40W Fully Redundant C-Band Transmit and Receive RF Package

40W Fully Redundant C-Band amplifier manufactured by Terrasat, plus redundant Patriot C-Band LNBs, dummy load, mounting frame, cables and power supply.

This is everything that a VSAT site or teleport earth station needs to get on the air fast. No hunting for cables, or connectors, everything is provided.



The photographs show an extra...

**\$13,900.00**



### Xicom 200W C-Band TWTA model XTRD-200C

Fully refurbished and tested rack mount Xicom 200W C-Band TWTA. Email us for a full test report



The XTRD-200 is a highly efficient rack mountable traveling wave tube amplifier (TWTA) designed for fixed and mobile uplink applications.

The unit includes RF gain control, a solid state pre-amplifier, RF filters, cooling,...

**\$12,250.00**



### Xicom XT-100C 170W C-Band TWTA

Excellent condition hub mount Xicom XT-100C 170W C-Band TWTA. Several are available, complete with cables and a six month warranty. Flange output power is 140W



This used C-Band TWTA, Xicom XT-100 is a compact, self-contained, antenna mountable TWT power amplifier designed for low cost installation and long life.

Intended for outdoor...

**\$9,900.00**

**New Era Systems catalog**

This catalog was generated on July 13, 2017

**Xicom XTRS-100 100W C-Band SSPA**

Used XTRS-100 100W C-Band SSPA tested and guaranteed in good working condition.



100W C-Band SSPA, 5.85 to 6.425 GHz. 4RU high

The XTRS-100C is a highly efficient rack-mountable solid state power amplifier (SSPA) designed for fixed and mobile uplink applications. RF filters, isolators, cooling, and monitor and control (M&C) systems...

**\$9,600.00**

**Xicom XTS-200C C-Band BUC**

Xicom XTS-200C C-Band BUC is a 200 watt SSPA, or more accurately it should be classified as an SSPB because the L-Band front end is part of the amplifier.

We have several of these BUCs and can offer them as a fully redundant set or as a single unit. The amplifiers are designed by Xicom in rugged outdoor enclosures, meaning that they can be...

**\$12,250.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017

### KU-Band Amplifiers



#### Actox ABE16KXF 16W KU-Band BUC

Used Actox 16W KU-Band BUC. The frequency range is 13.75 to 14.5 GHz. Tested and guaranteed to be in good working condition.



This smallest and lightest 16W L-To Ku-Band Block Up Converter is designed to be mounted on a feed horn. The unit is ideal for portable and mobile applications. Double – L.O. feature makes unit universal for...

**\$2,550.00**



#### Anasat 100KU-EL 100W KU-Band BUC

Anacom anasat-100ku-el is a 100 Watt KU Band BUC, model number 32049, frequency range 13.75 to 14.5 GHz. We have two available, one has never been used in perfect condition. The second BUC shows signs of prior use but has been tested and is working perfectly.



AnaCom's 100W KU Band BUCs are ruggedly built for continuous outdoor duty in...

**\$14,500.00**



#### Anasat 8W KU-Band Transceiver

Anacom 8W KU-band transceiver -The transceiver and LNC belonged to an emergency response company, they were seldom used and stored inside, although not new, they have very few hours of operation.



AnaCom's Ku-Band VSAT transceivers integrate all necessary functions into a small, highly integrated outdoor package which provides...

**\$3,250.00**



#### Codan 6908 8W KU-Band BUC

Codan 6908 8W KU-Band BUC is a used, tested and guaranteed Block Up Converter.

Codan uses a very structured model number system. The full model number for this BUC is 6908-W/S-48IF, which when translated using Codan's system, means 8W, Waveguide output, 48VDC power, standard frequency range (14 to 14.5GHz) and type N connector.

We have...

**\$3,250.00**



#### Codan 8W KU-Band SSPA

The Codan 5908 is the SSPA part of an 8 watt KU Band transceiver package. The complete transceiver consists of an A/C power supply a dual up and down converter and this SSPA

Although we have the other components necessary to make a full transceiver we do not have the cable set, and for this reason we offer components only.

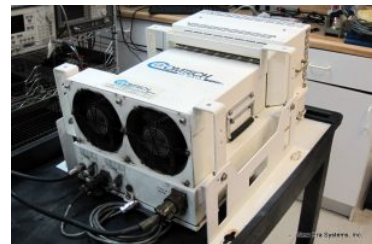


**\$3,600.00**



#### Comtech 100W KU-Band BUC

Comtech 100W KU-Band BUC model HPODK0.100SMSW00, Outdoor Mount 100W KU-Band BUC, L-Band Input 1200 - 1700 MHz, RF output 14.0 to 14.5 GHz - Refurbished by Comtech EFData in April 2015. This BUC is still packed in the manufacturer's wooden crate.



Comtech EF Data's (CEFD) series of High-Power Outdoor (HPOD) C-, X-, and Ku-Band...

**\$13,500.00**

## New Era Systems catalog

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### CPI VZU-6992 200W KU-Band TWTA

CPI VZU6992 200W KU-Band TWTA is a used but fully tested satellite earth station amplifier.

Although we stock an equal number of CPI and MCL TWTA amplifiers, we like CPI because we can easily find their operating hours. This amplifier has very low hours, they are in the low thirteen thousand range.

Even more important when we test any...

**\$11,230.00**



### CPI VZU-6994 400W KU-Band TWTA

The CPI VZU-6994 is a 350W KU Band TWTA with a full frequency range of 13.75GHz to 14.5 GHz. We have several of these TWTA's all tested and guaranteed.

They come with a wide range of operational hours and the selling price depends on operating hours and tube characteristics.



Provides 400 watts of power in a 3 rack unit package, digital...



### ELSAT 8SEKU-EL 8W Ku-Band BUC

Anacom 8 watt KU-Band BUC extended frequency BUC with frequency range of 13.75 to 14.5GHz. This BUC is tested and guaranteed.



~~\$3,250.00~~ **\$2,950.00**



### Gilat 2W KU-Band BUC

Model VCD-022275-0000, is a 2 Watt KU-Band BUC, 14-14.5 GHz, requires 10 MHz reference plus 24VDC via the signal cable. This BUC is tested and guaranteed.



**\$170.00**



### KU-Band 0dB Driver

KU Band up and down converter 70 MHz to KU and KU to 70 MHz. This is a 0dB meaning that it is safe to input the signal directly into a TWTA or SSPA



AnaCom's Ku-Band VSAT transceivers integrate all necessary functions into a small, highly integrated outdoor package which provides excellent reliability in a wide range of environments...

**\$2,900.00**



### MCL MT3200 400W KU-Band TWTA

We have several used MCL 400W MT3200 KU TWTA's, ranging in quality from good to excellent. The output frequency range is 13.75 to 14.5 GHz.

Prices vary according to age, but in every case the amplifier is guaranteed to be in good working condition.

Other amplifiers of this class have a usage clock that allows us to tell the number of hours...



**New Era Systems catalog**

This catalog was generated on July 13, 2017

**Mitec 20W KU BUC**

Mitec 20W KU BUC, model WPA 14014543-ES-0.  
Judging by appearance this BUC has never been used.

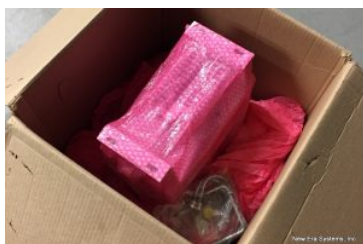


Mitec BUCs of this series require both AC power and 24VDC delivered via the IF cable.

~~\$2,900.00~~ **\$2,575.00**

**Mitec 25W KU BUC**

Mitec Model WTX-14014544-70-ES-35 25 Watt KU-Band BUC is new in its original box. The frequency range is 14 to 14.5GHz.



**\$4,250.00**

**Mitec 8W KU BUC**

Model number Mitec WTX-14014539-70-ES-20 is a New - old stock - 8 Watt 14.0 to 14.5 GHz BUC



High power hub mount solid-state power amplifiers (SSPAs and BUCs):

Mitec's products have more than a quarter century of proven field experience, demonstrating their unmatched dependability and reliability day after day. This level of...

~~\$4,750.00~~ **\$1,250.00**

**NJT-5025 4W KU BUC**

New Japan Radio NJT-5025 Tested and guaranteed for a period of six months. L-Band input, output 14-14.5 GHz, 4 Watt.



This unit is the fixed gain transmitter incorporating a low phase noise Phase Locked Local Oscillator and a high reliable MMIC High Power Amplifier, and converts L Band (950 to 1,450 MHz) IF Input to Ku Band (14.0 to...

~~\$375.00~~ **\$198.00**

**NJT-5037F 3W KU BUC**

New Japan Radio NJT-5037F is a typical 3W KU-Band BUC. They are labeled NJT5037FV. It is a 3 Watt BUC, 14.0 to 14.5 GHz. LO Frequency 13.05 GHz, F Type. We have a total of 15 in boxes, 8 without boxes.



We offer an unprecedented six month warranty on these used VSAT BUCs

**\$249.00**

**NJT-5116F 3W KU BUC**

New Japan Radio NJT-5116F 3W lightweight KU-Band BUC with frequency range of 14.0 to 14.5 GHz.

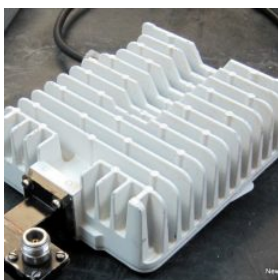


This unit is the fixed gain transmitter incorporating a low phase noise Phase Locked Local Oscillator and a high reliable MMIC High Power Amplifier, and converts L Band (950 to 1,450 MHz) IF Input to Ku Band (14.0 to 14.5 GHz) RF Output.

**\$110.00**

## New Era Systems catalog

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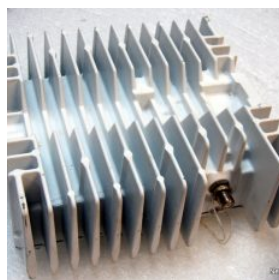
### NJT-5307 4W KU BUC

We have a quantity of Used New Japan Radio 4W BUCs, frequency range of 14.0 to 14.5 GHz. L.O. 13.05 GHz amplifiers available for immediate shipment



The input is via the IFL cable with a type F connector. The BUC requires a 10 MHz reference and 24VDC power via the IFL cable.

~~\$249.00~~ **\$225.00**



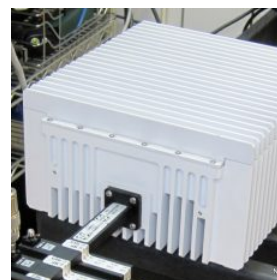
### NJT5017F 4W KU BUC

NJT5017F 4W KU is a 4W KU-Band BUC manufactured by New Japan Radio. The frequency range is 14 to 14.5 GHz with a WR75 output flange.



The BUC has been tested and is in excellent working condition. This type of VSAT amplifier needs 24VDC and 10MHz reference supplied via the IFL cable.

**\$150.00**



### NJT5018N 8W KU BUC

8W KU BUC manufactured New Japan Radio with a model number of NJT5018N is tested and guaranteed, this New Japan Radio KU-Band BUC is unused in excellent condition. The frequency range is 14 to 14.5 GHz.

During our bench tests we ran the BUC at 14.0 GHz, 14.25 and 14.5 GHz and at all frequencies the KU-Band amplifier reached or exceeded...

**\$2,250.00**



### Terrasat 4W KU BUC

The Terrasat model number is UPC140145001 it is an IBUC 4 Watt KU-Band with an output frequency range of 14.0 to 14.5 GHz. The BUC requires a 10 MHz reference plus 24VDC via the IFL cable.

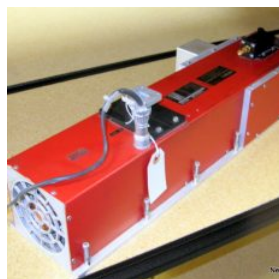


The revolutionary IBUC has advanced features to take your network to new heights.

**IBUC offers significant benefits:**

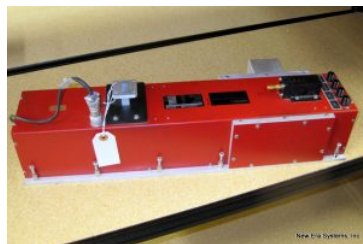
☐ Low terminal cost

~~\$375.00~~ **\$295.00**



### Varian VTJU-6393M1 Power Tube

Varian VTJU-6393M1 Power Tube is a spare 100 Watt Power Tube, labeled for a 300 watt KU-Band Amplifier. This is one piece of equipment that we have not tested, but when a serious purchaser is found we will send it to a test facility for complete testing.



From its appearance it seems to be unused.

**\$11,900.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### Vertex 50W KU BUC With Frequency Range 14 - 14.5 GHz

This is a Vertex 50W KU-Band BUC Model PKM14S040N. It has been tested and is guaranteed to work perfectly. Currently it is on lease to a client needing an immediate solution to their equipment problem.

Contact us for availability.



This Vertex 50W KU-Band BUC a medium sized amplifier, with a frequency range of 14 GHz to 14.5 GHz. The...

~~\$9,850.00~~ **\$9,400.00**



### Viasat 2W KU BUC

This is a used Viasat 2W KU-Band BUC model number SCDTXB2W, it is tested and guaranteed 2W KU BUC with standard frequency range of 13-14.5 GHz.



**\$175.00**



### Wavestream 25W KU BUC, Hub Mount

Wavestream 25W KU BUC model number is Wavestream MBB-KUE025-DS06. This BUC has a frequency range of 13.75 to 14.5GHz. Based on the condition of this amplifier it has never been used.



This Wavestream product requires an external 48VDC power supply that was missing when we purchased it. We purchased a high quality 48VDC supply and...

**\$3,250.00**



### Wavestream 25W KU-Band BUC

Wavestream 25W KU-Band BUC is unused with a frequency range of 14 to 14.5 GHz.

This 25 Watt BUC only arrived a few days ago and we have just tested it, with the full test results posted in the download section. The short summary of the tests is that the amplifier performed well above its design power output - [take a look at the test results](#)

**\$2,950.00**

## New Era Systems catalog

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### Attenuators



#### ARRA BNC0682-30F Attenuator

We have several of these variable attenuators, BNC connectors on the input and output



Download the datasheet for additional information

**\$45.00**



#### C-Band HPA Redundancy Switch

This is a well designed HPA redundancy switch assembly that is ideal for situations where the two C-Band HPAs are of different power. Each HPA output is controlled via variable attenuators, ensuring that when the automatic transfer is made the standby HPA has been pre-calibrated and is putting out at the same power level as the primary...

**\$650.00**



#### HP 3750A Attenuator

This HP 3750A Attenuator allows the user to add attenuation using the front panel to choose the amount to be injected into the signal. The input and output connectors are BNC.



The HP 3750A Attenuator is designed to work in a low frequency range from 0 MHz to 100 MHz. attenuation of 0 to 99dB at 75 ohm impedance is provided at 1dB steps.

**\$180.00**



#### L3 UPC-100M Uplink Power Control

The UPC-100M Uplink Power Control was originally manufactured by LNR but later acquired by L3 and so we list the product by both manufacturer's names. A UPC works with the 70MHz output from a Beacon Receiver or Down Converter and measures the satellite downlink strength - using this information it automatically adjust the output power of the...

**\$2,400.00**



#### L3-LNR 70 MHz Attenuators

The manufacturer of these rack mount attenuators is labeled as LNR or L3, but they are the same product. The model number is 406015687-1 IF.

They work together with the UPC-100 Uplink Power Controller, sold separately.



**\$1,725.00**



#### LNR-L3 UPC-100 Uplink Power Control

The Uplink Power Control model UPC-100 was originally manufactured by LNR but later acquired by L3 and so we list the product by both manufacturer's names.

A UPC works with the 70MHz output from a Beacon Receiver or Down Converter and measures the satellite downlink strength - using this information it automatically adjust the output power...

**\$2,400.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### Baseball Switches



#### LNR Coax Baseball Switch

We have several of these LNR Model SM7-218-3 Coax sw itches, they are labeled as LNR products, but these same products are also manufactured by Sector Microw ave.



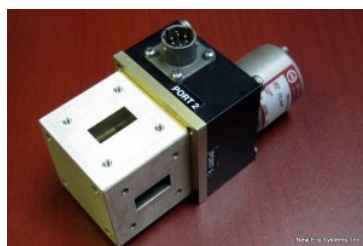
The important facts are that it has a ten pin connector and w orks with +24VDC pow er. The four connectors are SMA.

**\$125.00**



#### Sector Microwave 75-AP Baseball Switch

This a KU-Band Baseball sw itch manufactured by Sector Microw ave. WR75, w ith +28VDC control voltage and a six pin connector.



**\$350.00**

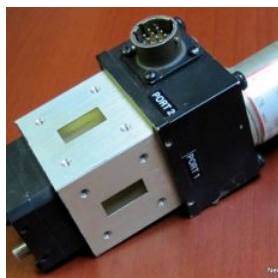


#### Sector Microwave 754AP6 Baseball Switch

Sector Microw ave 754AP6 Baseball Sw itch is a KU-Band Baseball sw itch w ith WR75 flanges. This sw itch has a ten pin male connector and requires +28VDC control pow er.



**\$385.00**



#### Sector Microwave 754AP6A Baseball Switch

Sector Microw ave 754AP6A KU-Band Baseball sw itch w ith WR75 flanges and four SMA Coax connectors. This sw itch has a ten pin male connector and requires +28VDC control pow er.



#### Sector Microwave 75SB0W Baseball Switch

This a KU-Band Baseball sw itch manufactured by Sector Microw ave. WR75, w ith +28VDC control voltage and a six pin connector, plus four SMA ports.



#### Sector Microwave SM-75-4GL3-4P Baseball Switch

Manufactured by Sector Microw ave this baseball sw itch features four WR75 w aveguide flanges. The control cable connector is an 18 pin male bayonet style and requires 110VAC in order to operate.



It is a struggle to find much more to say about Sector Microw ave 754AP6A baseball sw itches. They are an integral part of the equipment located in any earth station,...

**\$385.00**



**\$390.00**



**~~\$550.00~~ \$490.00**



**New Era Systems catalog**

This catalog was generated on July 13, 2017

**Sector Microwave SM3-364-3 Baseball Switch**

These are C-Band baseball switch, that requires -28VDC power. Partial cables with connectors are supplied with the switches. The flange is WR137.



Frequency range is 5.8 to 6.5GHz

**\$650.00**

**Sector Microwave SM75-219-1 Baseball Switch**

Manufactured by Sector Microwave this is a four port coax baseball switch. The most important features are that it has BNC connectors, a ten pin control cable connector and requires 24VDC power.



**\$175.00**

**Sector Microwave SM75-4PL1B-3 Baseball Switch**

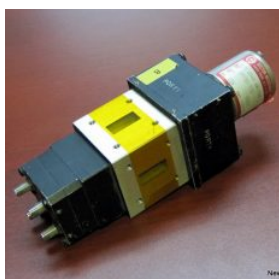
Sector Microwave KU-Band Baseball switch with WR75 flanges. This switch has a twelve pin male connector and requires -28VDC control power.



**\$490.00**

**Sector Microwave SM75D-1079 Baseball Switch**

Sector Microwave KU-Band Baseball switch with WR75 flanges. This switch has a ten pin male connector and requires 117VAC control power. In addition it contains four SMA coax connectors.

**Sector Microwave SM75D-770 Baseball Switch**

Sector Microwave KU-Band Baseball switch with WR75 flanges. This switch has a ten pin male connector and requires 24VDC control power. In addition it contains four SMA coax connectors.

**Sector Motor SM7N-A5C1 Baseball Switch**

Sector Motor SM7N-A5C1 Baseball Switch is a four port baseball switch with type N connectors. Requires +28 VDC power. The control connector is a six pin male.



**\$390.00**



**\$385.00**



Frequency range is 5.9 to 6.5GHz which puts it in the C-Band transmit range.

**\$85.00**



**New Era Systems catalog**

This catalog was generated on July 13, 2017

**Sector Motor SM7N-B5C1 Baseball Switch**

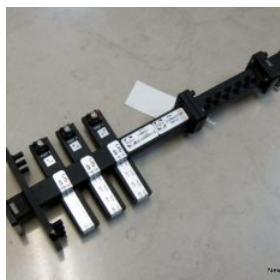
Sector Motor SM7N-B5C1 Baseball Switch 4 port baseball switch with type N connectors. Requires -28 VDC power. The control connector is a six pin male.



The frequency range of this SM7N-B5C1 Baseball Switch is 5.9 to 6.5GHz

**\$85.00**

## Cross-Guide Coupler



### Apollo 14963 KU-Band Crossguide Coupler

Used Apollo 14963 KU-Band Crossguide Coupler. This one is unique because it has three monitor ports, two face toward the amplifier and monitor the direct RF output, the third port faces toward the antenna and monitors the amount of reflected power generated by the waveguide.

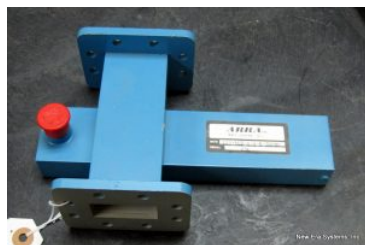


**\$315.00**



### Arra 159-602-A-4-4-30FNF Crossguide Coupler

The Arra is a simple C-Band Cross Coupler with a CPR159 Flange and Type N connector on the monitor port.



**\$250.00**



### CPR229 Cross Guide Coupler

CPR229 Cross Guide Coupler from an unknown manufacturer. It's used and not the best looking product, but you can be certain that it works!

The attenuation chart is shown on the coupler is in the 30dB range.



**\$285.00**



### Lieder C-Band Crossguide Coupler CPR137

Brand new Crossguide Coupler CPR137 C-Band made by Lieder Development in California. the flange is CPR137 and the monitor port connector is Type N



The attenuation factors at the frequency range are pasted on the crossguide coupler.

**\$525.00**



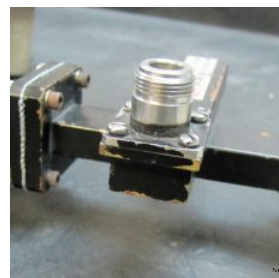
### Lieder C-Band Crossguide Coupler CPR159

Brand new Lieder C-Band Crossguide Coupler manufactured by Lieder Development in California. The flange is CPR159 and the monitor port connector is Type N



The attenuation rates are shown on the label.

**\$525.00**



### Specialty Microwave KU-Band Crossguide Coupler

Specialty Microwave KU-Band Crossguide Coupler is a basic KU-Band Crossguide Coupler with a frequency range of 14-14.5 GHz



A point worth mentioning are the white directional arrows on the coupler. If these arrows were not marked it would be possible to place either end toward the amplifier. That would be a mistake because these couplers...

**\$150.00**



**Struthers C-Band Crossguide Coupler**

Struthers C-Band Crossguide Coupler has a type N connector and CPR159 flange.



**\$125.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### Distribution Amplifiers



#### HP 5087A Distribution Amplifier

HP 5087A Distribution Amplifier is a used device typically used to take a single input frequency and distribute it to up to twelve other devices.

A passive splitter could do the same thing but each output port would attenuate the original signal. The advantage of the distribution amplifier is that the original signal strength is not...

**\$425.00**



#### HP5087B Distribution Amplifier

HP5087B Distribution Amplifier manufacturers appears to have changed over the years, they have been sold by HP, Agilent and most recently Symmetricom.

This is a 12 channel wideband amplifier labeled by Agilent



The 5087B Wideband Distribution amplifier is an economical solution for distributing signals from various frequency standards...

**\$475.00**



## New Era Systems catalog

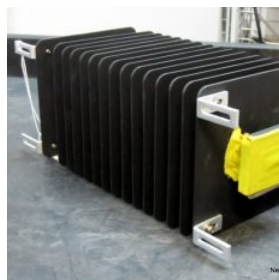
This catalog was generated on July 13, 2017

### Dummy Loads



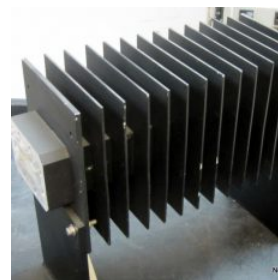
#### Apollo 1500 Watt C Band Dummy Load

This Apollo 1500 Watt C Band Dummy Load is an example of several C and KU Dummy Loads in that we have in stock.



#### Apollo 1KW C-Band Dummy Load

Apollo 1KW C-Band Dummy Load model number 14738-1 is used but in perfect condition. It has a WR137 flange.



#### Apollo 2KW C-Band Dummy Load

Apollo 2KW C-Band Dummy Load rated at 2KW continuous power adsorption. The flange is WR159.



This is a 1500 Watt Dummy w ith a WR137 flange.

**\$700.00**

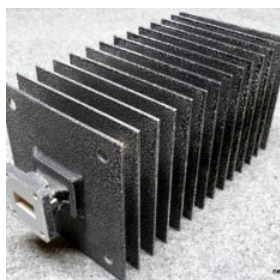


**\$450.00**



The dummy load has mounting brackets attached for ease of use.

**\$495.00**



#### Apollo Dummy Load KU 750 Watt

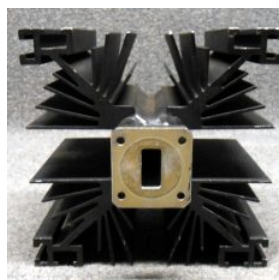
Apollo Dummy Load KU 750 Watt. We Have a Large number C and Ku Band loads in stock.



#### Apollo Dummy Load KU 750 Watt

This is a 750 watt dummy load with a WR75 flange.Total Length of 8.5 inches. Fin area is 8.75 x 5 x 5 inches.

**\$600.00**

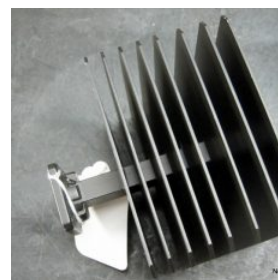


#### Apollo KU Band 500 Watt Dummy Load WR75 Flange Model 10606

Apollo KU Band 500 Watt Dummy Load WR75 Flange Model 10606

Total Length 7 inches. fin area 5 x 5 x 5 inches

**\$500.00**



#### ATM 75-745A-6 KU-Band Dummy Load

This is an ATM 75-745A-6 KU-Band Dummy Load-Band w ith a WR75 flange, with a frequency range of 10GHz to 15GHz this load is perfect for operation or testing a KU-Band amplifier.



**\$325.00**

**New Era Systems catalog**

This catalog was generated on July 13, 2017

**C Band 2.5 KW Dummy Load WR137 Cover Flange**

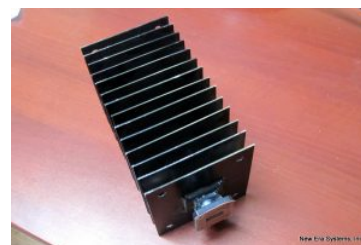
C Band 2.5 KW Dummy Load WR137 Cover Flange

**\$850.00****C-Band 400 Watt Dummy Load WR137 Flange**

C Band 400 Watt Dummy Load WR137 Flange Total Length 7.75 inches, fin area 6.75 x 4 x 3.25 inches

**\$450.00****Pro-Com 350W KU-Band Dummy Load**

This is a Pro-Com 350W KU-Band Dummy Load. Although we have labeled this as a 350W load we are being conservative, there is no documentation describing the 01-007732-07 and therefore our estimate is based on its size instead of concrete specifications. However, we do know that the flange is WR75.

**\$350.00****Specialty Microwave Corp Ku band 3 KW Dummy Load**

Specialty Microwave Corp Ku band 3 KW Dummy Load have 5 available. They 23 inches long. Comes with mounting plates as you can see in photos.



This KU 3 KW Dummy Load has a WR75 flange.

**\$900.00****Termaline 25W Coaxial Resistor**

Termaline 25W Coaxial Resistor. This is another name for a Dummy Load. The connector is BNC and the item is marked as 25 Watts. It is probably used to terminate the output of a low frequency amplifier output in the low Megahertz range.



We are unable to find any documentation about this item.

**\$75.00****Waveline 7582 500W KU-Band Dummy Load**

You don't expect a 500 watt dummy load in such a small size, but the waveline product chart shown below advises that is exactly what to expect from this small unit. The frequency range is 10 GHz to 15 GHz and with a WR75 Flange the load is perfect for testing or operation of medium sized KU-Band Amplifiers.

**\$325.00**

**New Era Systems catalog**

This catalog was generated on July 13, 2017

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## Power Supplies



### Mobile Pathways 48VDC Rugged Power Supply

48VDC Rugged Power Supply is manufactured by Mobile Pathways. This is a unique power supply because it features either 100 - 220V A/C input or 12 - 24VDC input with an output of 48VDC at 500 watts.

It has been designed for outdoor use in an environmental enclosure. We do not have the power supply cables.

We believe that the two supplies...

**\$3,850.00**



## Redundancy Switches



### C-Band HPA Redundancy Switch

This is a well designed HPA redundancy switch assembly that is ideal for situations where the two C-Band HPAs are of different power. Each HPA output is controlled via variable attenuators, ensuring that when the automatic transfer is made the standby HPA has been pre-calibrated and is putting out at the same power level as the primary...

**\$650.00**



### CPI LOW PROFILE REMOTE CONTROL FOR TWTA's

CPI LOW PROFILE REMOTE CONTROL FOR TWTA's

THIS UNIT WAS A SHELF SPARE AND AS FAR AS I KNOW NEVER USED FOR SERVICE.

MAY HAVE BEEN PROGRAMMED FOR A 1:2 OUTDOOR TWTA SYSTEM.

UNIT DESIGNED TO WORK WITH CMPA'S, CHPA'S AND OUTDOOR TWTA SYSTEMS.

CPI LOW PROFILE REMOTE CONTROL FOR TWTA's

[caption id="attachment\_4344" align="alignnone" ...

**\$2,500.00**



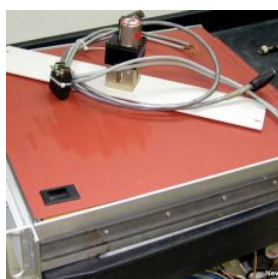
### CPI NUB1600 HPA Switch

This is a complete redundancy switch designed to connect two high power CPI amplifiers together in a redundancy package. If one amplifier in the system fails the switch will detect the failure and automatically switch the output to the standby amplifier.



The controller has an internal baseball switch and dummy load. The unit comes with...

**\$4,500.00**



### HPA Redundancy Switch

Our own in-house product adapted from an STS 1:1 switch. We needed a switch for CPI and MCL amplifiers that we have in stock in order to offer our clients a complete 1:1 HPA solution.



This complete unit has cables and a baseball switch that connect to the data ports on CPI and MCL amplifiers. If one of the amplifiers fails the switch...

**\$3,950.00**



### Smithcom 24V DC

This unit includes a 24VDC power supply and 10 MHz generator allowing the owner to utilize a cheap L-Band modem lacking 24VDC, or the output from a 70MHz to L-Band converter without DC or 10 MHz reference.



This is a home grown product that we manufactured to assist testing certain products.

**\$965.00**



### Vertex RSC-1200 1:2 Redundant System Controller

Vertex RSC-1200 1:2 Redundant System Controller is a used controller with the ability to monitor and control LNAs and LNBs, but more it can monitor external alarm signal for SSPA or BUCs. When an unit failure is detected the controller will signal a baseball switch to make the change to an alternate device.



Redundant systems increase...

**\$3,450.00**



Uplink Power Control



L3 UPC-100M Uplink Power Control

The UPC-100M Uplink Power Control was originally manufactured by LNR but later acquired by L3 and so we list the product by both manufacturer's names. A UPC works with the 70MHz output from a Beacon Receiver or Down Converter and measures the satellite downlink strength - using this information it automatically adjust the output power of the...

**\$2,400.00**



LNR-L3 UPC-100 Uplink Power Control

The Uplink Power Control model UPC-100 was originally manufactured by LNR but later acquired by L3 and so we list the product by both manufacturer's names.

A UPC works with the 70MHz output from a Beacon Receiver or Down Converter and measures the satellite downlink strength - using this information it automatically adjust the output power...

**\$2,400.00**



Miteq UPC-A Uplink Power Control

Used Miteq UPC-A a multi-channel uplink power controller that we sell with two interface cards per chassis. More cards are available if required.

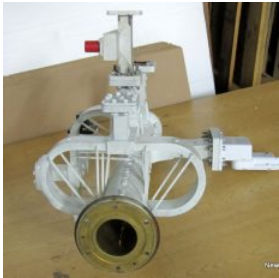


The Uplink Power Control System (UPC) is a self-contained, rack-mountable unit, designed for geostationary satellite communication systems. It adjusts the strength of uplink signals at IF...

**\$3,900.00**

Antennas & Accessories

C-Band Antenna



**Andrew 4 Port C-Band Feed Linear Polarized**

Andrew 4 Port C-Band Feed Linear Polarized taken from an Andrew C-Band 9M antenna. It is complete with cross guide coupler and will also fit the Andrew 7M to 9M ESA antenna series.



The frequency range is 3.625 - 4.2 GHz and 5.850 - 6.425 Ghz

**\$8,500.00**



**Andrew 7M RO Antenna**

A two port C-Band Receive only antenna, fully motorized, taken down and stored in Texas.



The photograph was taken after the subreflector had been removed.

**\$14,670.00**



**Andrew 9M B STATION C-Band Feed Horn**

This Andrew 9M B STATION C-Band Feed Horn was removed from an Andrew 9M C-Band antenna several years ago and has remained in our warehouse since then.

We also retained the sub-reflector from the same antenna.



**\$5,900.00**



**AVL Model 1878 C-Band Mobile VSAT Antenna**

We have a quantity of three brand new AVL Model 1878 C-Band Mobile VSAT Antenna systems.

The original purchase was for five antennas, and as you can see in the gallery photographs, two were installed, one on a truck and the other on a Sprinter, but the other three were consigned to a warehouse where they have sat for some time.



We...

**\$23,900.00**



**Prodelin C-Band Feed Linear or Circular Polarization**

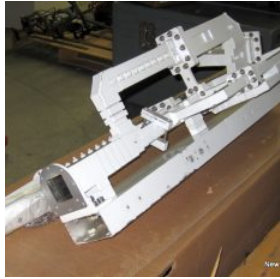
Prodelin C-Band Feed Linear or Circular Polarization. These feeds may be changed from either polarization in the field in under thirty minutes.



Prodelin C-Band, linear/circular polarity, field switchable feeds. Shown with 3.7M feed horns but compatible with 1.8M, 2.4M and 3.8M offset antennas.

When converting from a linear to a...

**\$415.00**



**Vertex 4 port C-Band Diplexer Model 106824**

This is an unused Vertex 4 port C-Band Diplexer, Model 106824.

What makes this C-Band Diplexer special, is that it can be converted from linear polarity to circular polarity with a minimum of effort. Traditional feeds are either circular, or they are linear polarity and to change from one polarity to the other entails removing one feed and...

**\$17,900.00**

# New Era Systems catalog

This catalog was generated on July 13, 2017

## KU-Band Antenna



### Andrew 4.6M Earth Station Antenna

4.6M Earth Station Antenna is two port KU-Band TX/RX non motorized. Originally it was installed with full de-ice, but now only the lower part works.

Because so many of our clients come from warmer climates and have no need of de-ice we have not taken the time to fix the problem, but if the new buyer requires full de-ice we will look at the...

**\$13,500.00**



### AVL .75 SNG Antenna

A used AVL .75 SNG Antenna is a vehicle mount antenna, the antenna is manufactured by AVL and the controller by TracStar - now a division of Cobham. Vehicle mount antenna package, TracStar 750, complete with 3 watt BUC, capable of transmitting up to 512Kb and receiving 1500Kb



Fully Automatic Satellite Acquisition, Peaking, and...

**\$5,550.00**



### AVL 1.6M KU-Band Fly Away Mobile Antenna System

We have just taken delivery of a brand new AVL 1.6M KU-Band Fly Away antenna system, the model number is 2020 FA SNG Motorized Transportable Fly Away antenna system. The complete system is delivered in two cases. The positioner is shipped in the rugged rectangular case that becomes the antenna base when the antenna is deployed.

As you will...

**\$23,500.00**



### AVL 1050 PIB 1.2m Mobile VSAT Antenna

This is an AVL 1050 PIB 1.2m Mobile VSAT Antenna is an unused KU-Band Mobile VSAT antenna system. The base fits into one case that when inverted becomes the antenna base. The second case contains the reflector parts and the feed. AVL model is 1050 PIB High Wind package.



When all of the components are in place the TracStar controller...

**\$14,900.00**



**AVL 1278 Fly-n-Drive Antenna**

We purchased a large number of these AVL mobile antenna systems. They are packed in three separate cases for easy transportation by road, sea or air. It takes approximately 30 minutes to unpack the antenna and acquire the satellite. The antenna is fully motorized and will automatically acquire the chosen satellite.



The blue case...

~~\$14,250.00~~ **\$11,250.00**



**AVL 1M Antenna Non Motorized**

This AVL 1M Antenna is a unique product for us, the KU-Band antenna system is not motorized, instead the azimuth, elevation and polarization are set with three separate control wheels.



The complete antenna is packed in a rugged case, perfect for rapid transportation.

This is a brand new antenna that has never been deployed and with a...

**\$7,900.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### AVL 75cm Mobile Antenna - Brand new for resale

Packed in high quality Pelican cases this unused AVL 75cm Mobile Antenna system can be safely transported by road, rail or air to cover news or disaster events.

This antenna system is complete with controller, and can be programmed to automatically locate and lock onto the appropriate satellite.



With operator experience the entire...

**\$16,750.00**



### AVL-Cobham .75m Fly Away Antenna

AVL-Cobham .75m Fly Away antenna is an unused complete Cobham TracStar fly away antenna system. It comprises the antenna, the antenna tripod base, reflector panels, controller and hand-held controller.

These antenna systems can be programmed to automatically find the satellite and lock onto its signal. The total time to begin broadcastings...

**\$8,900.00**



### Channel Master KU-Band Feed

Our Channel Master KU-Band Feed is designed to fit the 1.8M KU-Band antenna, but like other feeds it may also be compatible with other size antennas in the Channel Master range.

We have several of these feeds, they appear to be unused, and in excellent physical condition.



The feed is provided with the support bracket and a...

**\$175.00**



### GDSatcom 1.2m FlyAway Antenna

GDSatcom 1.2m FlyAway Antenna manufactured by General Dynamics GDSatcom Division, this is model 1139QD. GDSatcom call this type of product Quick Deploy and that's partially true. After a few practice sessions one person can assemble it in less than 30 minutes.



The antenna and the amplifier, LNB and cables are packed in cases to allow for...

**\$6,500.00**



### KU-Band 4 Port TX/RX Feed Diplexer

KU-Band 4 Port TX/RX Feed Diplexer for Andrew, Vertex or RSI antennas.

This is a new feed assembly designed to add extra capabilities to an existing two port transmit/receive KU-Band antenna feed.

The feed diplexer is lightweight at less than two pounds making it suitable for use on Earth Station sized antenna or VSAT antennas of 1 meter.

**\$5,200.00**



### Norsat GlobeTrekker Satellite System

The Norsat GLOBETrekker is the industry's leading back packable broadband satellite system. It features built-in intelligence to enable an operator to establish a reliable broadband link (up to 4Mbps) – anywhere here in the world - especially in remote, harsh and hostile conditions.

The complete 1m auto-acquisition satellite system is packed...

**~~\$15,500.00~~ \$9,850.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### T-Gex 1.2m FlyAway Portable VSAT Antenna

We first found the T-Gex 1.2m FlyAway antenna at one of the satellite shows, and we were impressed with the high quality of workmanship. These antennas are built to take the harsh treatment by remote broadcaster crews, constantly unpacking, transmitting and re-packing.



We only have brand new antennas from this manufacturer. The antenna is...

**\$8,250.00**



### Vertex 6.3M KPK Cassegrain KU-Band Antenna

Vertex 6.3M KPK Cassegrain KU-Band Antenna is available for sale. The antenna is still standing and may be inspected prior to purchase.

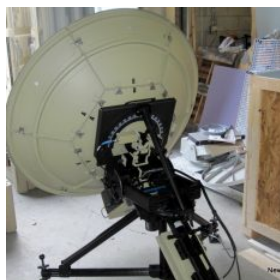
The lead time from take-down to packing will be approximately three weeks.

The purchaser will provide their own 20 foot sea container and we will pack it securely in the container in a manner for...

**\$54,650.00**

**New Era Systems catalog**

This catalog was generated on July 13, 2017

**KA-Band Antenna****Viasat 1.2m KA-Band Antenna**

The antenna is unused and in excellent condition. It is a complete system with a 25W BUC and external power supply. Two cases hold the complete antenna and its accessories.



This type of antenna is designed for quick transportation and installation. Two people can remove the antenna from the cases and complete the construction with 20...

**\$18,900.00**

Mobile Antenna



AVL .75 SNG Antenna

A used AVL .75 SNG Antenna is a vehicle mount antenna, the antenna is manufactured by AVL and the controller by TracStar - now a division of Cobham. Vehicle mount antenna package, TracStar 750, complete with 3 watt BUC, capable of transmitting up to 512Kb and receiving 1500Kb



Fully Automatic Satellite Acquisition, Peaking, and...

**\$5,550.00**



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As you will...

**\$23,500.00**



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When all of the components are in place the TracStar controller...

**\$14,900.00**



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The blue case...

~~\$14,250.00~~ **\$11,250.00**



### AVL 1M Antenna Non Motorized

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The complete antenna is packed in a rugged case, perfect for rapid transportation.

This is a brand new antenna that has never been deployed and with a...

**\$7,900.00**



### AVL 75cm Mobile Antenna - Brand new for resale

Packed in high quality Pelican cases this unused AVL 75cm Mobile Antenna system can be safely transported by road, rail or air to cover new s or disaster events.

This antenna system is complete with controller, and can be programmed to automatically locate and lock onto the appropriate satellite.



With operator experience the entire...

**\$16,750.00**

## New Era Systems catalog

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We...

**\$23,900.00**

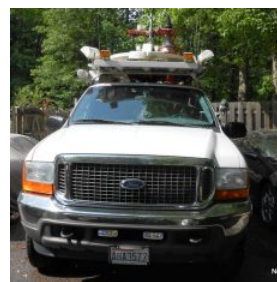


### AVL-Cobham .75m Fly Away Antenna

AVL-Cobham .75m Fly Away antenna is an unused complete Cobham TracStar fly away antenna system. It comprises the antenna, the antenna tripod base, reflector panels, controller and hand-held controller.

These antenna systems can be programmed to automatically find the satellite and lock onto its signal. The total time to begin broadcastings...

**\$8,900.00**



### Ford Emergency Communication Vehicle

2000 Ford Excursion XLT 4X4 7.3 Liter Power Stroke Diesel, with 107,000 miles, equipped with satellite communication.



The main satellite antenna on the truck is a 1.2M Datastorm KU-Band transmit/receive antenna system.

For the full set of features, view the datasheet on the downloads tab.

**\$53,200.00**



### GDSatcom 1.2m FlyAway Antenna

GDSatcom 1.2m FlyAway Antenna manufactured by General Dynamics GDSatcom Division, this is model 1139QD. GDSatcom call this type of product Quick Deploy and that's partially true. After a few practice sessions one person can assemble it in less than 30 minutes.



The antenna and the amplifier, LNB and cables are packed in cases to allow for...

**\$6,500.00**



### GDSatcom Vertex KU-Band QD Feed

GDSatcom Vertex KU-Band QD Feed is a new feed taken from a consignment of Mobile Antennas currently in stock.

The transmit and the receive ports of the feed have QD (Quick Disconnect) adapters allow for fast removal and alternate feed replacement.

To change the polarity from vertical to horizontal requires that the operator to unlock the...

**\$1,950.00**



### Norsat GlobeTrekker Satellite System

The Norsat GLOBETrekker is the industry's leading back packable broadband satellite system. It features built-in intelligence to enable an operator to establish a reliable broadband link (up to 4Mbps) – anywhere here in the world - especially in remote, harsh and hostile conditions.

The complete 1m auto-acquisition satellite system is packed...

**~~\$15,500.00~~ \$9,850.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



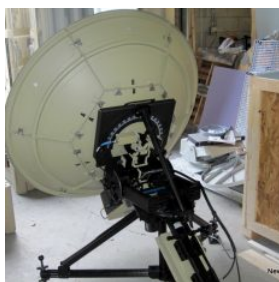
### T-Gex 1.2m FlyAway Portable VSAT Antenna

We first found the T-Gex 1.2m FlyAway antenna at one of the satellite shows, and we were impressed with the high quality of workmanship. These antennas are built to take the harsh treatment by remote broadcaster crews, constantly unpacking, transmitting and repacking.



We only have brand new antennas from this manufacturer. The antenna is...

**\$8,250.00**



### Viasat 1.2m KA-Band Antenna

The antenna is unused and in excellent condition. It is a complete system with a 25W BUC and external power supply. Two cases hold the complete antenna and its accessories.



This type of antenna is designed for quick transportation and installation. Two people can remove the antenna from the cases and complete the construction with 20...

**\$18,900.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### Antenna Controllers



#### ANDREW APC 300 STEPTRACK WITH SMART TRACK

ANDREW APC 300 STEPTRACK WITH SMART TRACK

##### Why Use a Steptrack System?

The apparent stability of a geosynchronous satellite is defined by its "stationkeeping window". This "window" represents the East-West (E-W) and...

**\$5,499.00**



#### ANDREW ASC 3000 ANTENNA CONTROLLER

ANDREW ASC 3000 ANTENNA CONTROLLER

**WE BELIEVE THIS CONTROLLER HAS NEVER BEEN USED BUT SOMEONE CUT A CABLE ACCESS HOLE IN THE BOTTOM OF BOX.**

The ACS3000 controller provides precision three-axis control for antenna azimuth, elevation and feed polarization....

**\$16,000.00**



#### ANDREW ASC APC 100 ANTENNA CONTROLLER

ANDREW ASC APC 100 ANTENNA CONTROLLER is a used item in our stock, tested and guaranteed to work according to specification.

The APC antenna controller is a programmable 3 axis Jog controller.

The Andrew Programmable Antenna...

**\$2,600.00**



#### PANSAT AP-3000 ANTENNA POSITIONER

PANSAT AP-3000 ANTENNA POSITIONER

PANSAT AP-3000 ANTENNA POSITIONER

This is a new never used product. it is 220-240 vac 60 hz with euro plug.

**\$300.00**



#### Research Concepts RC-8097 Antenna Controller

Research Concepts RC-8097 Antenna Controller

This controller has satellite auto locate functions.

**\$2,500.00**



#### Research Concepts RC2000A Antenna Controller

RC2000A Antenna Controller is a commercial satellite antenna controller for dual axis systems.

The model shown here is a used product but it will be tested and offered for sale with a guarantee for 60 days following the date of receipt.



The RC2000A was designed to provide years of reliable operation through the use of a heavy duty...

**\$650.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### Research Concepts RC2000C Antenna Controller

Research Concepts RC2000C Antenna Controller is a dual axis tracking controller, is a used, tested and guaranteed dual axis antenna controller manufactured by Research Concepts International. The RC200K controls the azimuth and elevation of a VSAT antenna.



The RC2000C was designed to provide years of reliable operation through the...

**\$1,950.00**



### Research Concepts RCI RC2000C Tracking Controller with POL Control

Brand new in the original box a Research Concepts RCI RC2000C Tracking Controller with POL Control

The model number on the unit says RC 2k A/E. I checked with RCI and they said this unit is a tracking...

**\$3,500.00**



### RESEARCH CONCEPTS RC2500 A B ANTENNA CONTROLLER Controller for Resolver Based Satellite Antennas..... (NEW OLD STOCK)

RESEARCH CONCEPTS RC2500 A B ANTENNA CONTROLLER

Controller for Resolver Based Satellite Antennas

THIS IS NEW OLD STOCK

RESEARCH CONCEPTS RC2500 A B ANTENNA CONTROLLER size and the frequency band), satellite inclination and a user specified maximum..

**\$3,900.00**



### Satellite Transmission Systems Dual Axis Antenna Controller

Dual Axis Antenna Controller manufactured by Satellite Transmission Systems of Hauppauge, New York. We suspect that the company is long gone and we have inherited one of their very early production antenna controllers.



We always brag that we test everything, perhaps it would be better to say "Nearly everything" because in the case of...

**\$150.00**



### Research Concepts RC3000 Antenna Controller

The used RC3000 Antenna Controller that we own was designed to work with a Vertex 2.4M truck mounted antenna. The RC3000 allows even non-technical personnel to automatically locate and position a mobile antenna within minutes from power up.

The controller works as a satellite locator, but then once locked onto the satellite, the RC3000 has...

**\$1,750.00**



### Sumitomo AF-502 Inverter for Satellite Antennas

Sumitomo AF-502 Inverter is a brand new inverter that was removed from a working teleport when the facility closed. The last owner kept this inverter a shelf spare, and never had any reason to install it.



This type of product takes analog control information from the antenna controller and converts it for use with three phase AC...

**\$3,900.00**



Vertex 7133 antenna controller. Jog controller 7133B

Vertex 7133 antenna controller

Product Description  
General Dynamics SATCOM Technologies (GDST) developed the Model 7133B Antenna Controller for applications requiring low cost and dependable manual antenna positioning for small...

**\$4,900.00**



Vertex 7200 Antenna Controller

Vertex 7200 Antenna Controller is a used controller tested and ready for resale. It is offered with a 60 day warranty.



The General Dynamics SATCOM Technologies (GDST) Model 7200 Antenna Control System is a state-of-the-art automatic positioning system which incorporates advanced control modes and an enhanced menu-driven...

**\$10,900.00**



VERTEX 7200 REMOTE CONTROL UNIT

VERTEX 7200 REMOTE CONTROL UNIT

THE VERTEX REMOTE CONTROL UNIT WORKS WITH THE 7200 CONTROLLER DESCRIBED BELOW. IT REMOTELY CONTROLS THE VERTEX 7200 ANTENNA INDOOR CONTROL UNIT ALSO KNOWN AS THE VERTEX 7200 ANTENNA DRIVE

THIS 7200...

**\$3,900.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### Antenna Feeds



#### Andrew 4 Port C-Band Feed Linear Polarized

Andrew 4 Port C-Band Feed Linear Polarized taken from an Andrew C-Band 9M antenna. It is complete with cross guide coupler and will also fit the Andrew 7M to 9M ESA antenna series.



The frequency range is 3.625 - 4.2 GHz and 5.850 - 6.425 Ghz

**\$8,500.00**



#### Andrew 9M B STATION C-Band Feed Horn

This Andrew 9M B STATION C-Band Feed Horn was removed from an Andrew 9M C-Band antenna several years ago and has remained in our warehouse since then.

We also retained the sub-reflector from the same antenna.



**\$5,900.00**



#### AVL KU-Band Mobile Antenna Feed

AVL KU-Band Mobile Antenna Feed compatible with AVL's range of flyAway and mobile antennas. The feed has a quick disconnect connector and full motor control polarization positioning.



**\$1,975.00**



#### AVL X-Band Feed for Mobile Antenna

Brand new AVL X-Band Feed for Flyaway VSAT Antenna, complete with an X-Band LNB and switchable TX reject filter.



The LNB shows a frequency range of 7.25 to 7.75 GHz.

**\$1,750.00**



#### Channel Master KU-Band Feed

Our Channel Master KU-Band Feed is designed to fit the 1.8M KU-Band antenna, but like other feeds it may also be compatible with other size antennas in the Channel Master range.

We have several of these feeds, they appear to be unused, and in excellent physical condition.



The feed is provided with the support bracket and a...

**\$175.00**



#### CHANNEL MASTER SKYWARE GLOBAL C BAND FEED

CHANNEL MASTER SKYWARE GLOBAL C BAND FEED

**\$450.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### GDSatcom Vertex KU-Band QD Feed

GDSatcom Vertex KU-Band QD Feed is a new feed taken from a consignment of Mobile Antennas currently in stock.

The transmit and the receive ports of the feed have QD (Quick Disconnect) adapters allow for fast removal and alternate feed replacement.

To change the polarity from vertical to horizontal requires that the operator to unlock the...

**\$1,950.00**



### KU-Band 4 Port TX/RX Feed Diplexer

KU-Band 4 Port TX/RX Feed Diplexer for Andrew, Vertex or RSI antennas.

This is a new feed assembly designed to add extra capabilities to an existing two port transmit/receive KU-Band antenna feed.

The feed diplexer is lightweight at less than two pounds making it suitable for use on Earth Station sized antenna or VSAT antennas of 1 meter.

**\$5,200.00**



### KU-Band Used 4 Port TX/RX Feed Diplexer

KU-Band Used 4 Port TX/RX Feed Diplexer for Andrew, Vertex or RSI antennas.

This is a used feed assembly designed to add extra capabilities to an existing two port transmit/receive KU-Band antenna feed. It is guaranteed to be functional and significantly cheaper than our brand new feeds.

The feed Diplexer is lightweight at less than two...

**\$3,900.00**



### Prodelin C-Band Feed Linear or Circular Polarization

Prodelin C-Band Feed Linear or Circular Polarization. These feeds may be changed from either polarization in the field in under thirty minutes.



Prodelin C-Band, linear/circular polarity, field switchable feeds. Shown with 3.7M feed horns but compatible with 1.8M, 2.4M and 3.8M offset antennas.

When converting from a linear to a...

**\$415.00**



### Vertex 4 port C-Band Diplexer Model 106824

This is an unused Vertex 4 port C-Band Diplexer, Model 106824.

What makes this C-Band Diplexer special, is that it can be converted from linear polarity to circular polarity with a minimum of effort. Traditional feeds are either circular, or they are linear polarity and to change from one polarity to the other entails removing one feed and...

**\$17,900.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017

### Beacon Receiver



#### Satellite Systems Corporation 3470 Beacon Tracking Receiver

Satellite Systems Corporation 3470 Beacon Tracking Receiver uses 70 MHz input to track the satellite beacon and relay the changing signal strength to an Uplink Power Control for adjustment of the output power on the monitored link.



SSC's Beacon Receivers provide a linear DC signal strength voltage reference for earth station...

**\$1,790.00**



#### Vertex TRK-14 Beacon Tracking Receiver

TRK-14 Beacon Tracking Receiver is a used satellite tracking receiver that is used with step track antenna controllers to keep the earth station antenna precisely aligned with the satellite that it is tracking.



The receiver works with four pre-set KU-Band frequencies in the 10.95 to 12.75 GHz range. The frequencies are selected by...

**\$2,650.00**



#### Vertex 253 Beacon Tracking Receiver

A used Vertex 253 Beacon Tracking Receiver requires a L-Band input to measure the strength of the satellite beacon signal, and pass that information to a Antenna Controller such as a Vertex 7200 or Vertex 7134 for accurate adjustment of the antenna for perfect alignment with the chosen satellite.

Fully tested and guaranteed, Vertex 253...

**\$3,750.00**



#### VERTEX TR70-1A TRACKING RECEIVER

VERTEX TR70-1A TRACKING RECEIVER

The VertexRSI TR70-1A Tracking Receiver is a 70 MHz intermediate frequency beacon receiver designed to provide DC tracking voltage proportional to input RF signal strength for step track antenna pointing...

**\$1,999.00**

Waveguide - Flexible



AMC WR62 FLEXIBLE WAVEGUIDE 24 INCH  
AMC WR62 FLEXIABLE WAVEGUIDE 24 INCH

When you are building up a WR62 w aveguide experiment or system, you often end up with tw o w aveguides that you need to connect, but you don't have a piece that is an exact fit betw een them, and...

\$250.00



AMC WR75 KU-Band Twist Flex Waveguide  
KU-Band Tw ist Flex Waveguide is an on-going need of our clients. Here w e are featuring 72" WR75 flexible w aveguide, direct from the manufacturer.

In addition to the w aveguide the sealed package contains desiccant, nuts and bolts and two sets of gaskets.



The precise description by the manufacturer is:

WR75 Flexible Waveguide,...  
\$435.50



Andrew CPR159G Flexible Waveguide  
CPR159G Flexible Waveguide length of 72" or 1.83 meters. Several pieces of this type and length are available, To judge by their condition they have never been used.

It is not clear from the w aveguide w ho the manufacturer is. Therefore in that section w e have listed all manufacturers w ho may be responsible.



\$249.00

Accessories

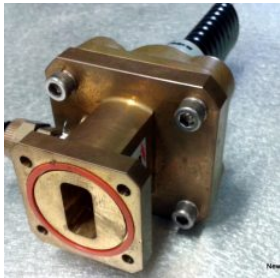


Andrew 1127DCT Elliptical Waveguide Transition

Andrew 1127DCT Elliptical Waveguide Transition from Elliptical format to KU-Band WR75 flange. The operating frequency range is 11.7 - 13.25 GHz. The manufacturer's description is: Fixed-tuned WR75 Pressurizable Cover Flange for elliptical waveguide 127.

These are used units, some have been used inside and in perfect condition others are...

**\$295.00**



Andrew 1127SC Elliptical Waveguide Connector

Andrew 1127SC Elliptical waveguide to WR75 Flange adapter.

Andrew 1127 Elliptical Waveguide Transition from Elliptical format to KU-Band WR75 flange. The operating frequency range is 11.7 - 13.25 GHz. The manufacturer's description is: Fixed-tuned WR75 Pressurizable Cover Flange for elliptical waveguide 127.



**\$295.00**



Andrew 152DET Elliptical Waveguide Connector

Andrew 152DET Elliptical Waveguide connector kit is new in the original package.

The purpose of this product is to convert elliptical waveguide EW52 to a standard flange size CPR159.

This complete kit includes WR-159G to Elliptical Connector, Flange Hardware Kit for CPR-159G (P/N 45597-159), and Connector Hardware Kit (P/N 45594-159)



**\$345.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



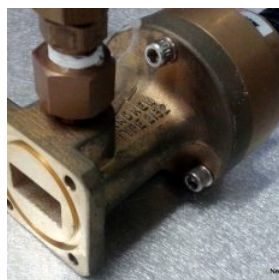
### Andrew 152DZ Elliptical Waveguide Splice

Andrew 152DC is a splice connector for elliptical waveguide in the 52 series, including EW52, EWP52 and EWP52S.

This is a new part never installed they are no longer manufactured, a rare product.



**\$355.00**



### Andrew 2132DC Elliptical Waveguide Connector

Andrew 2132DC Elliptical waveguide transition to WR75 format flange.

These are used connectors and although they are cosmetically impaired the appearance will not affect the performance.



This unit is not tunable.

**\$310.00**



### Andrew 54419 CPR229 to Type N Adapter

Andrew 54419 CPR229 to Type N Adapter is used to convert C-Band RF received on a CPR229 RX antenna feed and convert the signal to Type N waveguide.

Judging by the appearance of this adapter it has never been used.



**\$355.00**



### Band Pass Filter, 7893D C-Band

Band Pass Filter manufactured by Microwave Filter Company. This is model 7893D C-Band Filter.

In areas of dense RF transmission a satellite antenna can pick up unwanted frequencies that can cause interruption and confusion to the receiving demodulator. To combat this problem a bandpass filter placed on the receiving port of a satellite...

**\$75.00**



### Coaxial Adapter F-Male to BNC Female

Coaxial Adapter F-Male to BNC Female are used in the satellite industry to convert a cable with either an F-Male to a BNC-Female or vice versa. These adapters may be used or unused.



If you need other types of cable adapters contact us directly to discuss your needs.

**\$4.99**



### CPR137 to Type N Adapter

CPR137 to Type N Adapter is frequently used on the transmit port of a C-Band amplifier that has a Waveguide flange, but in some cases the user prefers to carry the C-Band RF output via coax cable instead of more expensive waveguide.

This choice is perfectly acceptable with low power devices, guessing 30 watts maximum.

This adapter allow s...

**\$325.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### CPR159 to Type N Adapter

CPR159 to Type N Adapter is a new product in our warehouse. This type of waveguide adapter is used where it is not convenient to carry the RF signal over expensive waveguide but instead a good quality coax cable is sufficient to carry the signal with very little loss.



**\$325.00**



### Dielectric 3200 Waveguide Dehydrator

Waveguide Dehydrator manufactured by Dielectric, model 3200 is a large wheeled model designed for high volume output where the waveguide runs are a larger cross section such as CPR 159 and with long runs from end to end.

These dehydrators have not been in service for several years and will probably need the desiccant replacement kit.



**\$1,650.00**



### Dielectric 850C Waveguide Dehydrator

Dielectric 850C Waveguide Dehydrator is a used air dryer used to prevent moisture build up in satellite antenna waveguide runs.



Satellite antenna waveguide is not the only use for these products:

These units are ideally suited for specialty pressurization requirements such as toll cable, repeater site, broad-cast transmission line,...

**\$1,950.00**



### ENVIRONMENTAL TECHNOLOGY ADH NETCOM NEMA OUTDOOR DEHYDRATOR

ENVIRONMENTAL TECHNOLOGY

#### Description

The ADH NETCOM NEMA automatic dehydrator supplies low pressure dry air to keep waveguide and coaxial cable dry. Output pressure is configurable between 0.10 psig...

**\$3,599.00**



### ENVIRONMENTAL TECHNOLOGY EDH-4 DEHYDRATOR

ENVIRONMENTAL TECHNOLOGY EDH-4 DEHYDRATOR

#### Description

##### EDH-4 DEHYDRATOR

The EDH-4 DEHYDRATOR answers the need for a low cost manually regenerated dehydrator for pressurizing small volume waveguide and coax. It is especially well suited for Ku and Ka...

**\$999.00**



### ETI ADH-2A COM Dehydrator

ETI ADH-2A COM Dehydrator is a rack mount dehydrator, in our industry it is used to keep the waveguide-run free of moisture. This is a used dehydrator removed from a teleport when it was shut down.



**The manufacturer describes it better than we can:**

The ADH-2A COM Automatic Dehydrator supplies low pressure -40°F (-40°C) maximum dew ...

**\$1,550.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### Kevlin 1102 Rotary Joint

We have a quantity of brand new Kevlin 1102 Rotary Joint assemblies.

From the manufacturer's specifications, they have a frequency range of .5 to 20 GHz with a peak power load at 3KW. The connectors are SMA and the joints are made of brass with a chromate finish.

The guaranteed lifetime is 1000 hours with a continuous rotation of 300 RPM.



**\$260.00**



### Mini-Circuits ZSC-2375 Two Port Splitter

Mini-Circuits ZSC-2375 Two Port Splitter is a 75 ohm splitter/combiner signed to work with 1W or less at a frequency range of 55 to 85 MHz.

In the satellite industry this type of splitter is most useful handling the IF cables at teleports or VSAT installations.

The connectors are BNC female.



**\$50.00**



### RESEARCH CONCEPTS RC2500 A B ANTENNA CONTROLLER Controller for Resolver Based Satellite Antennas..... (NEW OLD STOCK)

RESEARCH CONCEPTS RC2500 A B ANTENNA CONTROLLER

**Controller for Resolver Based Satellite Antennas**

THIS IS NEW OLD STOCK

RESEARCH CONCEPTS RC2500 A B ANTENNA CONTROLLER size and the frequency band), satellite inclination and a user specified maximum..

**\$3,900.00**



### Sumitomo AF-502 Inverter for Satellite Antennas

Sumitomo AF-502 Inverter is a brand new inverter that was removed from a working teleport when the facility closed. The last owner kept this inverter a shelf spare, and never had any reason to install it.



This type of product takes analog control information from the antenna controller and converts it for use with three phase AC..

**\$3,900.00**



### Vertex 1220A De-Ice Controller

Vertex 1220A De-Ice Controller is used in geographic areas that experience snow and ice and it is important to keep the satellite antenna reflector and antenna feed free from ice and snow.

The de-ice system can be an electric blanket or hot air blown into the de-ice enclosure. There is also an option on many antennas to separately de-ice...

**\$3,750.00**



### Walton De-Ice DDC-400 De Ice Controller

DDC-400 De Ice Controller plus the DP-8 controller status panel is a piece of used equipment taken from a Vertex 9M antenna that we sold to a client in the Middle East.

When the de-ice controller was removed from service it was in working condition however, we have no certain way of testing it. Our guarantee of fitness still stands, if the...

**\$650.00**

Broadcast Equipment

I.R.D. Integrated Receiver Decoder



**Upcom IRD Integrated Receiver Decoder**  
Upcom IRD SD Integrated Receiver Decoder. This is a used DVB-S/S2, ASI and IP Receiver, SD MPEG-2 Decoder removed from a working teleport.



**\$750.00**



**Upcom IRD+ HD Integrated Receiver Decoder**  
Upcom IRD+ is a fully complete IRD with a complete list of options, including DVB-S/S2, ASI and IP Receiver, SD/HD MPEG-2 and H.264/MPEG-4 AVC Decoder Multiple Analog and Digital Outputs



**\$950.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

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### Demodulators



#### Comtech EFData CDD-564 Demodulator

Comtech EFData CDD-564 Demodulator is a four channel demodulator, we have a good quantity of these units available with a 60 day warranty.

The CDD-564 works with a standard LNB for input, and the models that we have are Turbo, QPSK with an 18VDC supply to power the LNB. They are fully IP enabled for M&C and for data transmission.

With...

**\$1,945.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017

### Encoders



April AD-1864 HD Encoder



The April AD-1864 HD Encoder is a single channel HD video encoder. The AD1864/P/S is the best choice for any cable TV/satellite operator that needs to compress high definition video signal using H.264 format video encoding.

The AD1864/P/S can be used on different types of applications such as Satellite, Cable or Terrestrial which fully...

**\$3,300.00**



Solasat MPEG4 HD Encoder

Solasat MPEG4 HD Encoder is brand new in the original packing from the manufacturer. It is a single channel encoder with ASI output.

The model number EHDMP-4 is a single AVC/H.264 HD Encoder that has several analog and digital video input interfaces (CVBS, YPbPr, SDI, and HDMI), and audio input interfaces (RCA, XLR, HDMI, AES and EUB).



**\$2,950.00**



April AD-1886B SD Encoder

AD-1886B SD Encoder is a used Encoder/Transcoder-H264/SD. It has four independent video/audio input interfaces. It was removed from a working teleport and is guaranteed in good working condition.



**\$1,500.00**



Regen MPEG-4 AVC HD Encoder

The Regen MPEG-4 AVC HD Encoder is a single channel H.264 HD Encoder, although it is used it is guaranteed to work perfectly. There are a choice of different input types with ASI output for connection to the Modulator.



The REH2201 MPEG4 AVC/H.264 HD Single-Channel Encoder adopts the most advanced MPEG-4 AVC/H.264 video encoding algorithm,...

**\$3,900.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### Modulators



#### Advantech AMT-75 Satellite Modulator

The Advantech AMT-75 Satellite Modulator has the advantage that it can be used either for L-Band or 70 MHz SCPC uplinks. This particular modem has DVB and DVB-S2 with 8PSK modulation.



Advantech use a very exact model number that defines the features that are installed on a particular mode.

Refer to the downloads tab to see the...

**\$3,250.00**



#### Newtec NTC/2280 DVB-S2 Broadcast Modulator

Used but guaranteed Newtec NTC/2280 Broadcast Modulator. This professional broadcast modulator has L-Band output, DVB-S and DVB-S2, and 8PSK modulation.

With up to 68 Mbaud data rate transmission it is ideal for satellite services such as broadcast, distribution or contribution of Digital TV (HDTV / SDTV) signals, Digital Satellite New s...

**\$3,450.00**



#### Upcom DVB S/S2 L-BAND MODULATOR

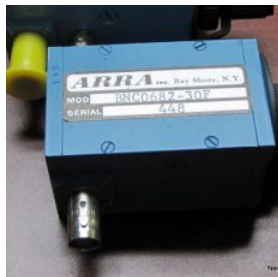
UPCOM DVB S/S2 L-BAND MODULATOR, is a high-performance, reliable QPSK/8PSK modulator that converts video data streams into high quality L-Band RF DVB-S and DVB-S2 Signals.

This Upcom modulator can be used for TV broadcasting, data broadcasting, content delivery, new s contribution and works seamlessly with Upcom's line of encoders and...

**\$4,250.00**

## Cables & Connectors

### Attenuators



#### ARRA BNC0682-30F Attenuator

We have several of these variable attenuators, BNC connectors on the input and output



Download the datasheet for additional information

**\$45.00**



#### HP 3750A Attenuator

This HP 3750A Attenuator allows the user to add attenuation using the front panel to choose the amount to be injected into the signal. The input and output connectors are BNC.



The HP 3750A Attenuator is designed to work in a low frequency range from 0 MHz to 100 MHz. attenuation of 0 to 99dB at 75 ohm impedance is provided at 1dB steps.

**\$180.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### Distribution Amplifiers



#### HP 5087A Distribution Amplifier

HP 5087A Distribution Amplifier is a used device typically used to take a single input frequency and distribute it to up to twelve other devices.

A passive splitter could do the same thing but each output port would attenuate the original signal. The advantage of the distribution amplifier is that the original signal strength is not...

**\$425.00**



#### HP5087B Distribution Amplifier

HP5087B Distribution Amplifier manufacturers appears to have changed over the years, they have been sold by HP, Agilent and most recently Symmetricom.

This is a 12 channel wideband amplifier labeled by Agilent



The 5087B Wideband Distribution amplifier is an economical solution for distributing signals from various frequency standards...

**\$475.00**



Elliptical Connectors



**Andrew 1127DCT Elliptical Waveguide Transition**

Andrew 1127DCT Elliptical Waveguide Transition from Elliptical format to KU-Band WR75 flange. The operating frequency range is 11.7 - 13.25 GHz. The manufacturer's description is: Fixed-tuned WR75 Pressurizable Cover Flange for elliptical waveguide 127.

These are used units, some have been used inside and in perfect condition others are...

**\$295.00**



**Andrew 1127SC Elliptical Waveguide Connector**

Andrew 1127SC Elliptical waveguide to WR75 Flange adapter.

Andrew 1127 Elliptical Waveguide Transition from Elliptical format to KU-Band WR75 flange. The operating frequency range is 11.7 - 13.25 GHz. The manufacturer's description is: Fixed-tuned WR75 Pressurizable Cover Flange for elliptical waveguide 127.



**\$295.00**



**Andrew 152DET Elliptical Waveguide Connector**

Andrew 152DET Elliptical Waveguide connector kit is new in the original package.

The purpose of this product is to convert elliptical waveguide EW52 to a standard flange size CPR159.

This complete kit includes WR-159G to Elliptical Connector, Flange Hardware Kit for CPR-159G (P/N 45597-159), and Connector Hardware Kit (P/N 45594-159)



**\$345.00**

**New Era Systems catalog**

This catalog was generated on July 13, 2017

**Andrew 152DZ Elliptical Waveguide Splice**

Andrew 152DC is a splice connector for elliptical waveguide in the 52 series, including EW52, EWP52 and EWP52S.

This is a new part never installed they are no longer manufactured, a rare product.

**\$355.00****Andrew 2132DC Elliptical Waveguide Connector**

Andrew 2132DC Elliptical waveguide transition to WR75 format flange.

These are used connectors and although they are cosmetically impaired the appearance will not affect the performance.



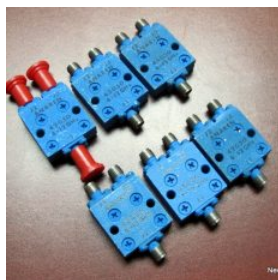
This unit is not tunable.

**\$310.00**

## New Era Systems catalog

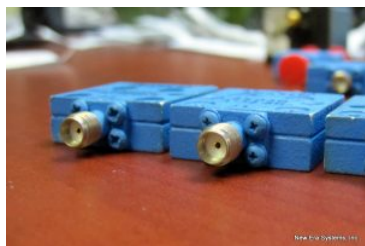
This catalog was generated on July 13, 2017

### Splitters & Combiners



#### Anaren 42030 Power Divider

Anaren 42030 Power Divider is a 2 for 1 splitter/combiner manufactured by Anaren. We have several of these used power splitters they have SMA female connectors and are rated at 4 to 12 GHz frequency range.



**\$49.00**



#### Andrew 54419 CPR229 to Type N Adapter

Andrew 54419 CPR229 to Type N Adapter is used to convert C-Band RF received on a CPR229 RX antenna feed and convert the signal to Type N waveguide.

Judging by the appearance of this adapter it has never been used.



**\$355.00**



#### ATM P225C2 C-Band Splitter

ATM P225C2 C-Band Splitter is a two port C-Band range splitter. The frequency range is from 5.8 GHz to 6.5GHz. The connectors are Type N female.

We have several new and several used splitters available in stock.



The price shown on the listing is for the unused splitters in the original package. We offer a 30% discount for splitters...

**\$125.00**



#### CPR137 to Type N Adapter

CPR137 to Type N Adapter is frequently used on the transmit port of a C-Band amplifier that has a Waveguide flange, but in some cases the user prefers to carry the C-Band RF output via coax cable instead of more expensive waveguide.

This choice is perfectly acceptable with low power devices, guessing 30 watts maximum.

This adapter allows...

**\$325.00**



#### CPR159 to Type N Adapter

CPR159 to Type N Adapter is a new product in our warehouse. This type of waveguide adapter is used where it is not convenient to carry the RF signal over expensive waveguide but instead a good quality coax cable is sufficient to carry the signal with very little loss.



**\$325.00**



#### HP5087B Distribution Amplifier

HP5087B Distribution Amplifier manufacturers appears to have changed over the years, they have been sold by HP, Agilent and most recently Symmetricom.

This is a 12 channel wideband amplifier labeled by Agilent



The 5087B Wideband Distribution amplifier is an economical solution for distributing signals from various frequency standards...

**\$475.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### Mini-Circuits FT1.5-1 Coaxial RF Transformer

Mini-Circuits FT1.5-1 is a used RF transformer with BNC female connectors on both sides.

Download the datasheet to see the performance details.



**\$18.00**



### Mini-Circuits ZFC-6-1-75 IF Splitter

Mini-Circuits ZFC-6-1-75 are 6 to 1 Splitter/Combiners, 75Ω and work in a frequency range of 1 MHz to 200 MHz. When used as a splitter the maximum input power should be limited to 1W.



The connectors are BNC type female.

**\$150.00**



### Mini-Circuits ZFDC-20-3-75 BNC Combiner

Mini-Circuits ZFDC-20-3-75 is described by the manufacturer as a Coaxial Directional Coupler. We call them combiners, but whatever the name, we have new and used combiners in stock. The price shown on this listing is the new unit as shown in this photograph, or for a \$10 discount we can offer a perfectly good used combiner.



The frequency...

**\$39.00**



### Mini-Circuits ZFDC-20-3-75 SMA Combiner

Mini-Circuits ZFDC-20-3-75 is described by the manufacturer as a Coaxial Directional Coupler. We call them combiners, but whatever the name, we have new and used combiners in stock.



The frequency range range is from 10 MHz to 250MHz at 75Ω, all three connectors are SMA female. We believe that the operating characteristics are the...

**\$25.00**



### Mini-Circuits ZFSC-2-1 IF Splitter/Combiner

Mini-Circuits ZFSC-2-1 is described as a Coaxial Power Splitter/Combiner by the manufacturer. This is a 50 ohm product with a frequency range of 5-500 MHz. When used as a splitter the power input must be limited to 1W.



The connectors are female BNC type.

**\$25.00**



### Mini-Circuits ZSC-2375 Two Port Splitter

Mini-Circuits ZSC-2375 Two Port Splitter is a 75 ohm splitter/combiner signed to work with 1W or less at a frequency range of 55 to 85 MHz.

In the satellite industry this type of splitter is most useful handling the IF cables at teleports or VSAT installations.

The connectors are BNC female.



**\$50.00**



**New Era Systems catalog**This catalog was generated on July 13, 2017

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**Narda 3324-2 Power Divider**

Narda 3324-2 Power Divider is a used splitter manufactured by Narda. With a frequency range of 2 GHz to 8 GHz it is perfect for satellite C-Band applications.

The connectors are type N female and from the notes written by the previous owner we can tell that it was used to connect two C-Band Up Converters to either an C-Band SSPA or TWTA.



~~\$249.00~~ **\$120.00**

Dehydrator



**Dielectric 3200 Waveguide Dehydrator**  
Waveguide Dehydrator manufactured by Dielectric, model 3200 is a large wheeled model designed for high volume output where the waveguide runs are a larger cross section such as CPR 159 and with long runs from end to end.

These dehydrators have not been in service for several years and will probably need the desiccant replacement kit.



**\$1,650.00**



**Dielectric 850C Waveguide Dehydrator**  
Dielectric 850C Waveguide Dehydrator is a used air dryer used to prevent moisture build up in satellite antenna waveguide runs.



Satellite antenna waveguide is not the only use for these products:

These units are ideally suited for specialty pressurization requirements such as toll cable, repeater site, broad-cast transmission line,...

**\$1,950.00**



**ENVIRONMENTAL TECHNOLOGY ADH NETCOM NEMA OUTDOOR DEHYDRATOR**  
ENVIRONMENTAL TECHNOLOGY

Description

The ADH NETCOM NEMA automatic dehydrator supplies low pressure dry air to keep waveguide and coaxial cable dry. Output pressure is configurable between 0.10 psig...

**\$3,599.00**



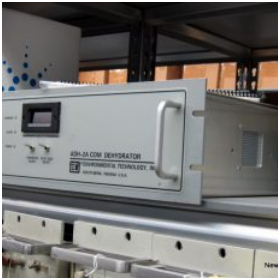
**ENVIRONMENTAL TECHNOLOGY EDH-4 DEHYDRATOR**  
ENVIRONMENTAL TECHNOLOGY EDH-4 DEHYDRATOR

Description

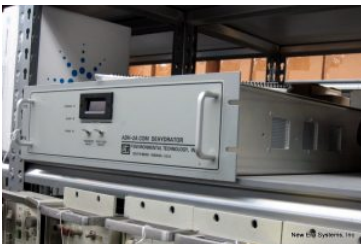
EDH-4 DEHYDRATOR

The EDH-4 DEHYDRATOR answers the need for a low cost manually regenerated dehydrator for pressurizing small volume waveguide and coax. It is especially well suited for Ku and Ka...

**\$999.00**



**ETI ADH-2A COM Dehydrator**  
ETI ADH-2A COM Dehydrator is a rack mount dehydrator, in our industry it is used to keep the waveguide-run free of moisture. This is a used dehydrator removed from a teleport when it was shut down.



**The manufacturer describes it better than we can:**

The ADH-2A COM Automatic Dehydrator supplies low pressure -40°F (-40°C) maximum dew ...

**\$1,550.00**

Frequency Converters

Block Converters



**Cross 2083-714A Frequency Translator**  
Cross 2083-714A Frequency Translator is a dual purpose IF device that can accept 70 MHz input and convert the output to 140 MHz or make the opposite conversion, taking a 140 MHz input and sending out a 70 MHz IF signal.



Cross Technologies describe this unit as an Agile IF-to-IF Translator. We have used these translators on our test bench...

**\$1,490.00**



**Miteq DNB-12.1**  
The Miteq DNB-12.1 block down converter is a high accuracy device that converts KU Band frequencies in the range of 11.7 – 12.5 GHz to L-Band frequencies in the range of 0.95 – 1.75 10.75 GHz.



Some of the features that characterize this Miteq DNB-12.1 converter are:

- High frequency stability
- Low intermod distortion
- Low ...

**\$2,750.00**



**MITEQ DNB-12.1S BLOCK DOWN CONVERTER**  
MITEQ DNB-12.1S BLOCK DOWN CONVERTER  
[MITEQ DNB-12.1S BLOCK DOWN CONVERTER](#)

INPUT FREQUENCY 11.7 TO 12.5 GHZ

OUTPUT FREQUENCY 950 TO 1750 MHZ

WE THINK THIS UNIT IS NEW UN USED CONDITION BUT IS NOT IN ORIGINAL PACKING AND HAS...

**\$1,750.00**

**New Era Systems catalog**

This catalog was generated on July 13, 2017

**Satellite Systems Corporation 4500 L-Band Downconverter**

Satellite Systems Corporation 4500 L-Band Downconverter is a used and fully tested frequency converter that is used to convert the L-Band signal from an LNB to an IF 70 MHz signal suitable for use by a modem or demodulator.



To test this down converter we simulated an LNB using an Agilent frequency generator. We set the generator to...

**\$1,950.00**



C-Band Converters



Advantech L-Band to C-Band Up Converter

Advantech L-Band to C-Band Up Converter has a model number of AWUB-LC. We like these converters because they are outdoor units and can be placed close to a hub mounted TWTA or SSPA.



The Advantech L-Band to C-Band Up Converter has been designed to interface easily with popular L-Band modulators and can provide full bandwidth...

**\$4,750.00**



Codan 5527 Frequency Converter

C-Band Codan 5527 Frequency Converter that is part of a complete transceiver system. Codan's transceiver package consists of a power supply, this converter and an SSPA.

We only have the 5527 Frequency Converter and no cables.



Codan discontinued their production of transceivers several years ago and so there are limited supplies of...

**\$1,250.00**



COMTECH DT-4503 C BAND TO 70 MHz DOWN CONVERTER

COMTECH DT-4503 C BAND TO 70 MHz DOWN CONVERTER

Application  
The COMTECH DT-4503 C BAND TO 70 MHz DOWN CONVERTER is the ultimate in high performance and cost effective C-Band frequency conversion. The COMTECH DT-4503 C...

**\$3,800.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### Comtech EF Data UT-4505 C-Band Up Converter

Comtech EF Data UT-4505 C-Band Converter is a 70 MHz to C-Band frequency Up Converter. The C-Band frequency range is 5845 to 6425 MHz in 125 kHz steps.

This is a used product but it is tested and guaranteed to work perfectly.



The UT-4505/X has +17 dBm minimum output level at the 1 dB compression point and 35 dB of gain as a standard....

**\$3,700.00**



### Comtech EFData SDC400A C-Band Down Converter

EFData SDC400A C-Band Down Converter is a C-Band to 70 MHz down converter manufactured by EFData, who were later acquired by Comtech.

The frequency range of the down converter is 3400 MHz to 4200 MHz.



**\$1,975.00**



### Comtech UT 4506, IF 70MHz, 6.675 TO 7025 GHz

COMTECH UT 4506, IF 70MHz, 6.675 TO 7025 GHz

#### Application

COMTECH UT 4506, IF 70MHz, 6.675 TO 7025 GHz Up Converter is the ultimate in high performance and cost effective C-Band frequency conversion. The UT-4505/X can be...

**\$3,800.00**



### EF DATA SDC 600 UP CONVERTER 70 MHZ TO C BAND

EF DATA SDC 600A UP CONVERTER 70 MHZ TO C BAND

A communications satellite EF DATA SDC 600A UP CONVERTER 70 MHZ TO C BAND is an **\$1,200.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### L3 DC4M2-110M C-Band Down Converter

L3 DC4M2-110M C-Band Converter is a used C-Band to 70 MHz Down Converter. With full front panel control and frequency steps of 125 kHz.



The full frequency range of the down converter is 3.4 to 4.2 GHz.

Ask us about extended warranty for these down converters.

**\$3,200.00**



### LNR TREXCOM C BAND UP CONVERTER 70MHz, 5.845-6.725 GHz

LNR TREXCOM C BAND UP CONVERTER 70MHz, 5.845-6.725 GHz

THIS C BAND UP CONVERTER HAS BEEN TESTED AND IS IN GREAT WORKING CONDITION.

IT COVERS A FULL 800 MHz AND MORE. ATTENUATION IS ACCESSED THROUGH THE FRONT...

**\$3,800.00**



### LNR UC6L-D4 C BAND UP CONVERTER 70MHz

LNR UC6L-D4 C BAND UP CONVERTER 70MHz

FREQUENCY 5.950-6.425 GHz 2.5 MHz STEP SIZE

[Slimline Datasheet](#)

#### GENERAL ELECTRICAL DESCRIPTION

The LNR UC6L-D4 C BAND UP CONVERTER 70MHz unit is designed to be completely self contained....

**\$2,500.00**

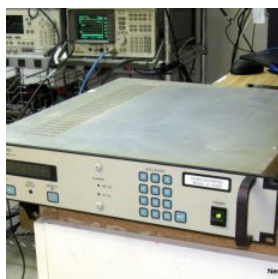
### LNR UC6M-D5/D6 C BAND UP CONVERTER 70 MHz

LNR UC6M-D5/D6 C BAND UP CONVERTER 70 MHz HAS 1.25MHz STEP SIZE WITH AN OUTPUT FREQUENCY RANGE OF 5.850 THROUGH 6.665 GHz.

#### LNR UC6M-D5/D6 C BAND UP CONVERTER 70 MHz

THE INFORMATION BELOW REFERS TO A LATER...

**\$3,900.00**



### Miteq D-9322 C-Band Down Converter

Miteq D-9322 is a working 2RU C-Band Down Converter.

On our bench test we measured the voltage test points, the fan and display work correctly but with an initial input of 4200MHz from our frequency generator the converter did not produce any output in the 70 MHz range.

After ten minutes leaving the converter powered up, the correct 70...

**\$3,200.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### Miteq D-9642 C-Band Down Converter

Miteq D-9642 C-Band Down Converter is a tested and guaranteed frequency converter in 1RU format. The RF frequency range is 4.5 to 4.8GHz with a 70 MHz output.

We tested this converter prior to entering this inventory item and the output was perfect. However the fan is noisy, but it works, the only question is for how long?

The price...

**\$2,750.00**



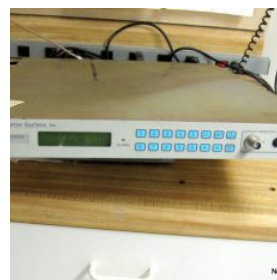
### Miteq U9953-6 C-Band Up Converter

Miteq U9953-6 C-Band Up Converter with a 70MHz input converts the signal to C-Band in the frequency range of 5.725 to 6.725 GHz in 1K frequency steps.

Shown here is a pair of used identical up converters, they may be purchased together at a discount or individually at the price shown.

Like all of our used satellite equipment you can...

**\$3,850.00**



### Radiation Systems DCS3 C-Band Down Converter

Radiation Systems DCS3 C-Band Down Converter is a used satellite frequency converter. The input is from 3400 to 4200 MHz in the C-Band range. The output is 70 MHz IF.

Slight damage to display screen, otherwise perfect and will be tested and guaranteed prior to shipping.



**\$2,760.00**



### Radiation Systems UCS5 C-Band Up Converter

Radiation Systems UCS5 C-Band Up Converter - we make the guess about it being a C-Band Up Converter because we have not been able to test it.

On start up the converter shows an alarm, but never displays anything on the display panel. **Sold for parts make best offer.**



### Radyne Comstream SFC4200 C-Band Downconverter

SFC4200 C-Band Downconverter manufactured by Radyne Comstream. This is a standard C-Band to 70 MHz downconverter. The frequency resolution is 125 KHz.

The standard C-Band frequency range is 3.625 to 4.20 GHz.

The downconverter listed here has an LO fault and is offered at a much reduced price to compensate for the problem.

If...

**~~\$3,200.00~~ \$500.00**



### Radyne RCU-101 Frequency Converter Redundancy Switch

Radyne RCU-101 Redundancy Switch is featured here with two SFC4200 C-Band Down Converters

The photographs show a set of two converters and a redundancy switch, the Radyne model RCU-101. When it is configured this way the combination provides a full redundancy system, normally required for critical applications.



The price shown is...

**\$7,900.00**



**New Era Systems catalog**

This catalog was generated on July 13, 2017

**RADYNE SFC4200 C BAND TO 70 MHz DOWN CONVERTER**

RADYNE SFC4200 C BAND TO 70 MHz DOWN CONVERTER

This manual discusses the RADYNE SFC4200 C BAND TO 70 MHz DOWN CONVERTER Synthesized Frequency Downconverter family of products (Figure 1-1). These include the SFC4200 C-Band,...

**\$3,800.00****Radyne SFC4200 C-Band Down Converter 1:1**

SFC4200 C-Band Down Converter is a standard C-Band frequency converter of 3.626 to 4.20 GHz converter to 70 MHz output. This Down Converter set is manufactured by Radyne Comstream.

The photographs show a set of two converters and a redundancy switch, the Radyne model RCU-101. When it is configured this way the combination provides a full...

**\$7,900.00****RADYNE SFC6400 C BAND UP CONVERTER 140 MHz**

RADYNE SFC6400 C BAND UP CONVERTER 140 MHz

3 AVAILABLE FREQUENCY RANGE 5854-6550 GHz

The RADYNE SFC6400 C BAND UP CONVERTER 140 MHz Synthesized Frequency Up Converter was designed to provide performance that meets or...

**\$3,900.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### KU-Band



#### Actox KU-Band 0dB Driver

Our Actox KU-Band 0dB Driver is used when the amplifier is an SSPA or a TWTA that needs KU-Band input, but the controlling modem or modulator supplies L-band instead of KU-Band.

In effect our product is an upconverter, receiving L-band in the range of 950 to 1700 MHz and converting it to RF in the range of 13.75 to 14.5 GHz.

As an...

**\$975.00**



#### Codan 5900 KU-Band Frequency Converter

Codan 5900 KU-Band Frequency Converter is a part of a Codan KU-Band transceiver. This item performs a dual conversion from 70 MHz to KU-Band and KU-Band back to 70 MHz.



Codan 5900 KU-Band Frequency Converter showing the front and back of a typical converter.

The converter is a stand-alone part of the transceiver package. We are not...

**\$1,600.00**



#### L3 DC11M2 KU-Band Down Converter

L3 DC11M2 KU-Band Down Converter is a frequency converter used by the satellite industry to change the RF KU-Band frequencies down to 70 MHz IF frequencies.

The brand name of these converters can be complicated, it can be Narda or L3 and even LNR for some of the earlier model converters.



The models that we have in stock are mainly...

**\$3,200.00**



#### L3 UC14M2 KU BAND UP CONVERTER 70 MHz 13.75-14.5

L3 UC14M2 KU BAND UP CONVERTER 70 MHz 13.75-14.5

Our M Series L3 UC14M2 KU BAND UP CONVERTER 70 MHz 13.75-14.5, for voice, data, and digital/analog video transmissions, offer the key features you expect to find in world...

**\$4,200.00**



#### Miteq D-9649 KU-Band Downconverter

Miteq D-9649 KU-Band Downconverter is a used KU-Band to 70MHz frequency converter. The RF frequency range is 11.7 to 12.2GHz.

These frequency converters use an internal synthesizer to provide frequency tuning. Level control is available via the front panel or the remote control interface.



Prior to shipping, this down converter will be...

**\$3,200.00**



**MITEQ D-9748-6 KU  
DOWNCONVERTER 140 MHz**

MITEQ D-9748-6 KU DOWNCONVERTER 140 MHz as the name suggests this used RF down converter accepts an input of KU-Band from an LNA and down converts the signal to 140 MHz as input to a modem or demodulator.

The RF frequency range is 10.7 to 12.75 GHz and the step size is 125kHz.



The MITEQ D-9748-6 KU Down converter is designed for...

**\$3,650.00**



**MITEQ D-9908-6-1K 70 MHz KU BAND  
DOWNCONVERTER**

MITEQ D-9908-6-1K 70 MHz KU BAND DOWN  
CONVERTER

CONVERTERFREQUENCY 10.70-12.75 GHz

MITEQ D-9908-6-1K 70 MHz KU BAND  
DOWNCONVERTER are designed for advanced satellite  
communication systems and are available for...

**\$4,200.00**



**MITEQ D-9908-6-1K KU DOWN  
CONVERTER 140 MHz**

**MITEQ D-9908-6-1K KU DOWNCONVERTER**

**140 MHz IF FREQUENCY 10.7 TO 12.75 GHz**

**THIS IS A NEW UNUSED CONVERTER**

L3 Narda MITEQ D-9908-6-1K KU DOWNCONVERTER  
frequency converters are designed for advanced  
satellite communication...

**\$4,200.00**



Miteq DNB-12.1

The Miteq DNB-12.1 block down converter is a high accuracy device that converts KU Band frequencies in the range of 11.7 – 12.5 GHz to L-Band frequencies in the range of 0.95 – 1.75 10.75 GHz.



Some of the features that characterize this Miteq DNB-12.1 converter are:

- High frequency stability
- Low intermod distortion
- Low ...

**\$2,750.00**



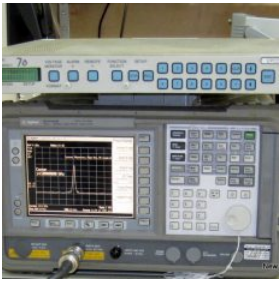
MITEQ U-94-55-1K 70 MHZ TO KU  
RECEIVE

MITEQ U-94-55-1K 70 MHZ TO KU RECEIVE

70 MHZ TO 11.7-12.2 GHz

MITEQ U-94-55-1K 70 MHZ TO KU RECEIVE offers high-performance synthesized frequency converters in panel heights of 2 RU (9400 Series) and 1 RU (9600 Series). The...

**\$4,900.00**



Miteq U-9696-3 KU-Band Upconverter

Miteq U-9696-3 KU-Band Upconverter a fully tested 70 MHz to KU Band up converter, with a frequency range 13.75 to 14.50 GHz. These are 1RU converters, and in addition to performing well in any teleport rack, they also show a remarkable ability to balance on the top of a spectrum analyzer.



OK, a quick disclaimer here, the test cart that I...

**\$3,850.00**





**Miteq U-9956-6-1K KU-Band Upconverter  
140MHz**

Miteq U-9956-6-1K KU-Band Upconverter is one of the newer frequency converters from Miteq. It is a 1RU form factor and this particular model has an IF input frequency of 140 MHz.

The 140 MHz are quite rare but we have several in stock, all tested and guaranteed in very good working condition.



The manufacturer states:-

The MITEQ...

**\$3,850.00**



**Miteq U-9956-6-1K KU-Band Upconverter  
70MHz**

Miteq U-9956-6-1K KU-Band Upconverter is one of the newer frequency converters from Miteq. It is a 1RU form factor and this particular model has an IF input frequency of 70 MHz.

We have several in stock, all tested and guaranteed in very good working condition.



I make no apology for using the same photographs that I used in the 140...

**\$3,850.00**



**MITEQ U9796-6 KU UP CONVERTER  
MITEQ U9796-6 KU UP CONVERTER**

**70 MHz IF FREQUENCY RANGE 13.75 TO 14.8 GHz**

The MITEQ U9796-6 KU UP CONVERTER frequency converters are designed for advanced satellite communication systems and are available for a wide variety of...

**\$4,200.00**



**Radiation Systems UCS5-004-2 KU-  
Band Up Converter**

Radiation Systems UCS5-004-2 KU-Band Up Converter this is a tested, working 70 MHz to KU-Band frequency up converter.

The RF frequency range is 14000 to 14500 MHz.



**\$3,200.00**

L-Band



Actox KU-Band 0dB Driver

Our Actox KU-Band 0dB Driver is used when the amplifier is an SSPA or a TWTA that needs KU-Band input, but the controlling modem or modulator supplies L-band instead of KU-Band.

In effect our product is an upconverter, receiving L-band in the range of 950 to 1700 MHz and converting it to RF in the range of 13.75 to 14.5 GHz.

As an...

**\$975.00**



Advantech L-Band to C-Band Up Converter

Advantech L-Band to C-Band Up Converter has a model number of AWUB-LC. We like these converters because they are outdoor units and can be placed close to a hub mounted TWTA or SSPA.



The Advantech L-Band to C-Band Up Converter has been designed to interface easily with popular L-Band modulators and can provide full bandwidth...

**\$4,750.00**



LNR 70 MHz TO L BAND UP CONVERTER

LNR 70 MHz TO L BAND UP CONVERTER

The LNR 70 MHz TO L BAND UP CONVERTER is a convenient cost-effective solution with professional-level performance for those systems requiring a 70 or to L-band interface. The independently...

**\$1,700.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### MITEQ D-99-9502150-1K L-70 DOWN CONVERTER

MITEQ D-99-9502150-1K L-70 DOWN CONVERTER



MITEQ D-99-9502150-1K L-70 DOWN CONVERTER CONVERTS AN L-BAND INPUT TO 70MHz OUTPUT.

The MITEQ D-99-9502150-1K L-70 DOWN CONVERTER frequency converters are designed for advanced satellite communication systems. Phase noise, amplitude flatness and spurious outputs have been optimized to provide...

**\$2,500.00**



### Miteq DNB-12.1

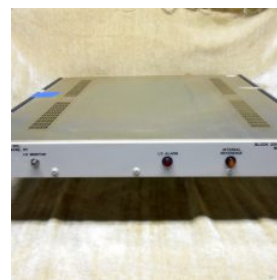
The Miteq DNB-12.1 block down converter is a high accuracy device that converts KU Band frequencies in the range of 11.7 – 12.5 GHz to L-Band frequencies in the range of 0.95 – 1.75 10.75 GHz.



Some of the features that characterize this Miteq DNB-12.1 converter are:

- High frequency stability
- Low intermod distortion
- Low ...

**\$2,750.00**



### MITEQ DNB-12.1S BLOCK DOWN CONVERTER

MITEQ DNB-12.1S BLOCK DOWN CONVERTER

[MITEQ DNB-12.1S BLOCK DOWN CONVERTER](#)

INPUT FREQUENCY 11.7 TO 12.5 GHz

OUTPUT FREQUENCY 950 TO 1750 MHz

WE THINK THIS UNIT IS NEW UN USED CONDITION BUT IS NOT IN ORIGINAL PACKING AND HAS...

**\$1,750.00**



### Quintech PUL 070A 70 MHz to L-Band Frequency Converter

The Quintech PUL 070A frequency converter receives an input of 70MHz and converts it to L-Band. One of its uses in the satellite world is to take the output from a legacy 70MHz modem and through the conversion, allow that 70 Mhz modem to work with an L-Band BUC.

Although in many cases the BUC requires an input of 10 MHz reference and the...

**\$1,700.00**



### SATELLITE SYSTEMS CORP 5420 T 70 TO L BAND UP CONVERTER

SATELLITE SYSTEMS CORP 5420 T 70 TO L BAND UP CONVERTER

Frequency Converters | Up Converters and Down Converters  
The Model 5420 dual synthesized 70 MHz to L-band Upconverter is designed for use...

**\$1,200.00**



### Satellite Systems Corporation 4500 L-Band Downconverter

Satellite Systems Corporation 4500 L-Band Downconverter is a used and fully tested frequency converter that is used to convert the L-Band signal from an LNB to an IF 70 MHz signal suitable for use by a modem or demodulator.



To test this down converter we simulated an LNB using an Agilent frequency generator. We set the generator to...

**\$1,950.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017

### LNA/B/C



#### Actox AL10500 KU-Band DRO LNB

Actox AL10500 KU-Band DRO LNB unused in the original box. The RF frequency range is 10.95 to 11.70 GHz, the IF frequency range is 950 to 1700 MHz and the local oscillator is 10 GHz with a stability of 500 KHz.



**\$75.00**



#### Actox AL20500 KU-Band DRO LNB

Actox AL20500 KU-Band DRO LNB is a brand new LNB in the manufacturer's box,



The Actox AL20500 KU-Band DRO LNB has an RF Frequency of 11.7 to 12.2 GHz, the IF Frequency is 950 to 1450 MHz and the LO is 10.75 GHz.

This LNB has an impedance of 75 ohms with WR75 grooved flange and F connector.

**\$79.00**



#### Anacom 30784 KU-Band LNC

Anacom 30784 KU-Band LNC is a never used, complete with gasket and mounting screws KU-Band LNC that works with Anacom's transceiver systems.



We have never quite understood how an LNC is different from an LNA and if anybody reading this post can solve that mystery then don't be shy about telling us.

On reflection, there is one very...

**\$395.00**



#### Drake Model 2766 C-Band LNB

Drake Model 2766 C-Band LNB is a used C-Band LNB



The frequency range is 3.7-4.2 GHz, manufactured in die cast aluminum alloy, the RF Port is CPR-229F (C band) Noise Temp: 30 deg K and an F-Type L-Band connector.

We are unable to find manufacturer datasheets describing this product.

**\$125.00**



#### Kaman RF3000 C-Band LNA

Kaman RF3000 C-Band LNA is a high quality C-Band product with a noise temperature of 40 degrees. We have several of these LNAs used by the Dow Jones satellite network.

The frequency range is 3.6 to 4.2 GHz and the technology is GaAs FET.

The LNA requires input power between 12 and 25VDC with type N and CPR229 connectors.



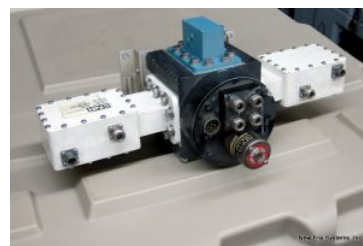
**\$355.00**



#### LNR 1:1 C-Band LNA Plate

LNR 1:1 C-Band LNA Plate consists of two LNR C-Band LNAs model number FT4-35/600.

The controlling baseball switch is manufactured by LNR and is powered by 115VAC - The LNR model number is 116014708. The waveguide flange to mate with the antenna is WR229.



This baseball switch and LNA combination has been well used and shows signs of...

**\$2,150.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### LNR 1for1 C-Band LNA Plate

LNR 1for1 C-Band LNA Plate is a used LNA redundancy package. Consisting of two C-Band high quality LNAs plus the baseball switch to allow a separate controller to automatically switch away from the faulty LNA to the other one. This LNA 1:1 plate and be used on any size satellite antenna.

This LNR CPR 229 baseball switch requires 117 vac to...

**\$749.00**



### Locus RF-2130-100-60-C KU-Band LNA

Locus RF-2130-100-60-C KU-Band LNA can be sold as individual LNAs or part of an LNA plate shown in a separate listing. We have several of these LNAs some are labeled as Kaman products while others have the Locus name.

Although they are used products they are tested and guaranteed prior to shipping.



The RF-2130 offers premium...

**\$490.00**



### Microwave Systems Engineering LB 6080 C-Band LNB

Microwave Systems Engineering LB 6080 C-Band LNB is a high quality unit with an RF frequency range of 3700 MHz to 4200 MHz and an L-Band output between 950 and 1450 MHz.

The stability is  $\pm 1$  mHz and the gain is 60 dB with a Noise Temp of 58°

The RF flange is WR229 and the L-Band connector is a Type F.



**\$125.00**



### NJR2635 KU-Band PLL LNB

NJR2635 KU-Band PLL LNB is brand new in the original box. Some of these LNB's have a Viasat label, but they are manufactured by New Japan Radio. The Viasat part number is CL0006136-01

Whatever the name says this NJR2635 external reference LNB has a frequency range of 11.7 to 12.2 GHz with an LO frequency of 10.75 GHz.



The input...

**\$235.00**



### NJR2639E KU-Band PLL LNB

NJR2639E KU-Band PLL LNB is brand new in the original box. Technically we should call it "New, old Stock"

This NJR2639E is an external reference LNB it has a frequency range of 11.2 to 11.7 GHz at the low end of the KU-Band and an LO frequency of 10.25 GHz.



The input waveguide flange is WR75, The output connector is Type F with the...

**\$225.00**



### NJR2744H KU-Band DRO LNB

NJR2744H KU-Band DRO LNB is a basic low price DRO LNB with a frequency range of 11.7 GHz to 12.2 GHz.

We have a stock of these unused LNBs at low prices.

The waveguide flange is WR75 and the L-Band interface is Type F connector.

The LNB requires a DC voltage between 12 volts and 24 volts supplied via the IFL cable from the modem or...

**\$39.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### NJR2835S KU-Band PLL LNB

NJR2835S KU-Band PLL LNB are used LNB's tested and guaranteed to be in good working condition. Their frequency range 11.7 to 12.2 GHz, with an LO Frequency of 10.75 GHz.

The input waveguide flange is WR75, The output connector is Type F with a frequency range of 950 to 1450 MHz.

The modem, demodulator or IRD must provide a typical 18VDC...

**\$89.00**



### Norsat 1000A KU-Band LNB

Norsat 1000A KU-Band LNB is a high quality external reference LNB with a frequency range of 11.7 to 12.2 GHz. The RF Waveguide flange is WR75 and the L-Band output connector is type F.

Although this is one of their older PLL LNBs it has never been used, but with all of our used satellite equipment, we will test it prior to shipping and...

**\$215.00**



### Norsat 1507HA KU-Band LNB

Norsat 1507HA KU-Band LNB is one of several that we have available for sale, many are still in the original manufacturers package.

They are high quality high stability LNBs in the frequency range of 11.7 to 12.2 GHz. The RF flange is WR75 and the L-Band connector is type F.



Each Norsat 1507HA KU-Band LNB comes with a circular gasket...

**\$225.00**



### Norsat 3120 C-Band LNB

Norsat 3120 C-Band LNB is a favorite with earth station operators and uplink facilities because of the exceptional quality and performance of these PLL LNBs.

We originally purchased twenty of these LNB's a few months ago, some were used and others were brand new, but steady sales to our client base has brought us to a remaining few used and...

**\$125.00**



### Vertex BRK-1201 LNB Redundancy Controller

The Vertex BRK-1201 LNB Redundancy Controller is part of a KU-Band Redundant LNB System. The complete assembly requires the mounting plate and the LNBs that are not included with this controller.

Vertex BRK-1201 LNB Redundancy Controller model number indicates that this controller is designed to be used with a 1:2 system.



□...

**\$2,750.00**



### Vertex RSC-1200 1:2 Redundant System Controller

Vertex RSC-1200 1:2 Redundant System Controller is a used controller with the ability to monitor and control LNAs and LNBs, but more it can monitor external alarm signal for SSPA or BUCs. When an unit failure is detected the controller will signal a baseband switch to make the change to an alternate device.



Redundant systems increase...

**\$3,450.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### Parts Bin



#### Comtech CSAT-5060S-025 25W C-Band Transceiver

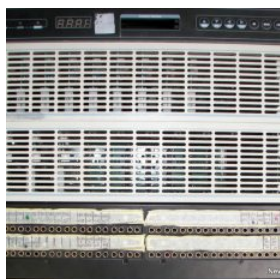
This is a 25W C-Band transceiver manufactured by Comtech EFData. This amplifier does not work and consequently should be only **purchased for spare parts**.



INTRODUCTION The CSAT-5060 C-Band Transceiver provides superior performance, long-term reliability, and ease of installation.

A very price competitive product, the CSAT-5060 embodies...

**\$350.00**



#### Leitch FR682

Leitch FR682 FRAD Video system, was taken apart and the power supplies were sold, so this unit is sold for parts only!



#### Comtech EFData SDM-650B Satellite Modem

This EFData SDM-650B Satellite Modem should probably be sent to the museum of satellite equipment. If you have seen one of these but never used it, then you can brag to your children about how things used to be in our business.

If you have used one of these modems, then you should be bragging to your grandchildren!

We have two of these...



#### iDirect Evolution X5 Satellite Router - not working

When we test iDirect Evolution X5 modems we often find one that fails. Typically the problem is corrupted software and in that case we download a new package file and re-install it.

Occasionally we find one that will not respond to software re-installation and the problem is a hardware problem.



**~~\$495.00~~ \$100.00**



#### Radiation Systems UCS5 C-Band Up Converter

Radiation Systems UCS5 C-Band Up Converter - we make the guess about it being a C-Band Up Converter because we have not been able to test it.

On start up the converter shows an alarm, but never displays anything on the display panel. **Sold for parts make best offer.**



#### Radyne Comstream SFC4200 C-Band Downconverter

SFC4200 C-Band Downconverter manufactured by Radyne Comstream. This is a standard C-Band to 70 MHz downconverter. The frequency resolution is 125 KHz.

The standard C-Band frequency range is 3.625 to 4.20 GHz.

The downconverter listed here has an LO fault and is offered at a much reduced price to compensate for the problem.

If ...

**~~\$3,200.00~~ \$500.00**



# RF Components

## Coaxial Adapters



### Coaxial Adapter Dual BNC-Male to BNC-Female

Coaxial Adapter Dual BNC-Male to BNC-Female is to combine two BNC cables into a single output. These adapters are either used or unused.



If you need other types of cable adapters contact us directly to discuss your needs.

**\$4.99**



### Coaxial Adapter F-Male to BNC Female

Coaxial Adapter F-Male to BNC Female are used in the satellite industry to convert a cable with either an F-Male to a BNC-Female or vice versa. These adapters may be used or unused.



If you need other types of cable adapters contact us directly to discuss your needs.

**\$4.99**



### Coaxial Adapter N-Female to N-Female

Coaxial Adapter N-Female to N-Female are used in the satellite industry to connect two cables having N-male connectors to each other. These adapters may be used or unused.



If you need other types of cable adapters contact us directly to discuss your needs.

**\$4.99**



### Coaxial Adapter N-Male to F-Female

Coaxial Adapter N-Male to F-Female are used in the satellite industry to cross connect a Type N cable to a type F cable. These cable adapters may be used or unused depending upon stock.



If you need other types of cable adapters contact us directly to discuss your needs.

**\$4.99**



### Coaxial Adapter N-Male to SMA-Female

Coaxial Adapter N-Male to SMA-Female are used in the satellite industry to convert from N-type cables to SMA type. These adapters are in limited quantity contact us to ensure quantity.



Contact us to enquire about other type of cable adapters.

**\$4.99**



**New Era Systems catalog**

This catalog was generated on July 13, 2017

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## Rotary Joints



### Kevlin 1102 Rotary Joint

We have a quantity of brand new Kevlin 1102 Rotary Joint assemblies.

From the manufacturer's specifications, they have a frequency range of .5 to 20 GHz with a peak power load at 3KW. The connectors are SMA and the joints are made of brass with a chromate finish.

The guaranteed lifetime is 1000 hours with a continuous rotation of 300 RPM.



**\$260.00**

Satellite Modem

iDirect Routers



iDirect Evolution X5 Satellite Router - not working

When we test iDirect evolution X5 modems we often find one that fails. typically the problem is corrupted software and in that case we download a new package file and re-install it.

Occasionally we find one that will not respond to software re-installation and the problem is a hardware problem.



~~\$495.00~~ \$100.00



iDirect iNfiniti 3100 Satellite Router

iDirect iNfiniti 3100 Satellite Router is tested and guaranteed unlocked. The router includes a power supply and an AC cable.



Taken from the iDirect iNfiniti 3100 Satellite Router datasheet, the features are:

- ◆ Star topology
- ◆ High data rates 18 Mbps outbound, 5 Mbps return
- ◆ Narrow band model for multiple, smaller inbounds

**\$295.00**



iDirect iNfiniti 5100 Satellite Router

This iDirect iNfiniti 5100 Satellite Router is unlocked, fully tested and is guaranteed to be in good working condition. Each router has a label attached with the current IP address and passwords for Admin and Root.



The photograph shows a combination of 5100, 5150 and 3100 routers.

Here are some of the manufacturer's comments:

**\$395.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### iDirect iNfiniti 5150 Satellite Router

iNfiniti 5150 Satellite Router from iDirect Corporation. This is one of their legacy modems and although the series has been replaced by Evolution series routers, the iNfiniti series is still used throughout the world in their thousands.



Here are some of the manufacturer's comments:

Developed specifically to support the business...

**\$425.00**



### iDirect iNfiniti 7350 Satellite Router

We have a few remaining iDirect iNfiniti 7350 Satellite Routers that have been tested and made ready for resale. Out of an initial quantity of 50 routers we only have sold all except for a few.



The 7350 does not require the typical power brick that other iDirect routers use. This modem connects directly to AC power.

Prior to...

**\$895.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### 70Mhz Modem



#### Comstream CM701 Satellite Modem

Comstream CM701 Satellite Modem dates back many years, even to the time when Mr. Radyne and young Master Comstream were still strangers.

Tucked high on one of our shelves in our warehouse was a box marked "New Comstream CM701" the box hadn't been opened in years and we wondered at the treasurer's inside. The anticipation was similar to that...

**\$350.00**



#### Comtech CDM-600 Satellite Modem

The Comtech CDM-600 Satellite Modem were fully featured top of the line SCPC modems until a few years ago. Even today with a very full feature set and a huge price discount for a used modem, these CDM-600s are a valuable item at any teleport or VSAT site.



[CDM-600 Datasheet](#)

With the advantage of Comtech's fast key upgrade feature...

**\$2,200.00**



#### Comtech CDM-625 Modem

Unused Comtech EFData CDM-625 modem, 70MHz, 8PSK/8QAM, D+I, 5Mb, LDPC/TPC, CnC card - no license, 1.1Mb Versa FEC, Open Net Frame, RS-422/EIA-530.

There is no BUC power supply with this modem, because it was originally required to be used as a 70 MHz modem, if the BUC power supply is not required the L-Band option can be activated via...

**\$3,950.00**



#### Comtech CDM-625 Modem with 10Mb CnC

Used Comtech EFData CDM-625 modem, L-Band and 70MHz, 8PSK/8QAM, 10Mbps, LDPC/TPC, CnC card with 10Mbps license, Ethernet with Advanced QOS

This modem does not have a BUC power supply, but it does have LNB power supply plus 10 MHz reference.



As with all CDM-625 modems there are a number of upgrades that can be performed at the...

**\$4,950.00**



#### Comtech EFData CDM-550 Satellite Modem

CDM-550 Satellite Modem is a used SCPC modem manufactured by Comtech EFData. These are low priced basic modems. The IF frequency for transmit and receive is 70 MHz  $\pm$  18 MHz.

A typical configuration is 2Mb, QPSK and TPC, but other options can be added using Comtech's fast key upgrade feature.



A special feature of the CDM-550 is its...

**\$535.00**



#### Comtech EFData CDM-550ip Satellite Modem

Comtech EFData CDM-550ip Satellite Modem is a legacy modem, 140 MHz IF with ethernet options.

Although this modem is featured in the 70MHz category, it is actually a 140 MHz modem because we have so few 140 MHz modems we have not created a separate category.

This is a 2 Meg modem with QPSK 3/4 and Turbo Product Code.



The...

**\$550.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### Comtech EFData SDM-300 Satellite Modem

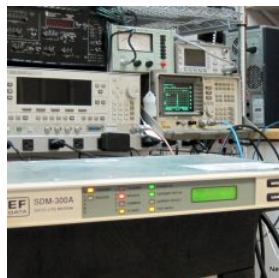
Comtech EFData SDM-300 Satellite Modem is a used 70 MHz modem with QPSK and Viterbi. The maximum data rate of this modem is 512Kb.

The photographs show the modem in IF loopback verifying that the transmit and receive sides of the modem are working perfectly.



Some features taken from the Comtech EFData SDM-300 Satellite Modem...

**\$325.00**



### Comtech EFData SDM-300A Satellite Modem

SDM-300A Satellite Modem manufactured by Comtech EFData is a used modem.

Still functioning perfectly it can be used as a cheap alternative to more expensive modems for basic satellite operations.



As configured these modems are 2 Mb, QPSK, Viterbi 70 MHz IF.

Comtech offer the following details of the SDM-300A Satellite Modem on...

**\$325.00**

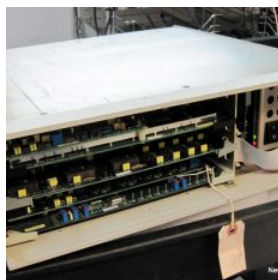


### Comtech EFData SDM-6000 Satellite Modem

Comtech EFData SDM-6000 Satellite Modem reminds me of a trip to a historical site, where look around in awe at the way people used to do things.

The Comtech EFData SDM-6000 Satellite Modem is the same trip back in history. It is a 2RU box with slide out cards for modulator and demodulator. In case you think that you will never have to open...

**\$250.00**



### Comtech EFData SDM-650B Satellite Modem

This EFData SDM-650B Satellite Modem should probably be sent to the museum of satellite equipment. If you have seen one of these but never used it, then you can brag to your children about how things use to be in our business.

If you have used one of these modems, then you should be bragging to your grandchildren!

We have two of these...



### Comtech EFData SDM-9000 Satellite Modem

Comtech EFData SDM-9000 Satellite Modem is a very sophisticated SCPC satellite modem and although several years old, the first one that we put on the test bench worked perfectly.

For anybody needing a full featured SCPC modem at a bargain price. This modem is the answer. Coupled with the fact that we test and guarantee the equipment that we...

**\$455.00**



### Datum PSM-4900 VSAT Modem

Datum PSM-4900 VSAT Modem is a used modem manufactured by Datum. These modems are perfectly suited to SCPC Satellite service and they include Turbo Product Code for more efficient bandwidth utilization.



All of our modems are tested prior to shipping and come with a guarantee of excellent health.

Here is a sample from the Datum...

**\$650.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017



### Datum PSM500 70MHz Satellite Modem.

Datum PSM500 70MHz Satellite Modem is a highly configurable 70MHz Band modem manufactured by Datum Systems and private labeled to Vitacom.

We have a selection of fifteen 70MHz modems with a range of options. Many of them have the ethernet option, some have LDPC, others have TPC. All have 8PSK and 16QAM.

We have prepared a separate...



### EFData SDM-2020 Satellite Demodulator

SDM-2020 Satellite Demodulator manufactured by EFData, later to be merged with Comtech. At the time that these products were manufactured EFData manufactured two separate items, one was the SDM-2020M, this is the modulator, and to match this they built an SDM-2020D the demodulator.



This particular unit has 8PSK, 16QAM and Reed Solomon.

**\$590.00**



### EFData SDM-2020 Satellite Modulator

EFData SDM-2020 is an early design satellite modulator manufactured by EFData before they merged with Comtech.

For a teleport or VSAT site needing a high data carrier of up to 75Mbps at 8PSK this is an ideal cheap alternative to a much more expensive newer modulator.



The EFData SDM-2020 series was an interesting product because there...

**\$595.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### L-Band Modem



#### CDM-570L 24VDC BUC Power Supply

We have several CDM-570L 24VDC BUC Power Supply modules for sale.

Not all CDM-570L modems are purchased with a BUC power supply, or in other cases the modem may have a 24V installed, but require 48V power supply instead. Either way, in a few minutes one of our power supplies can be easily installed in the CDM-570L.

We have several used...

**\$249.00**



#### Comtech CDM-570L Modem (new)

We only have two new CDM-570L modems in their original boxes, they are both equipped with full Ethernet and Vipersat features. The new modems are complete with Comtech's software, power cable, serial interface cable and manual.



The standard features sold with our modems are 100W BUC power supply, Turbo Product Code, IP Module, 5 Mb Data...

**\$2,950.00**



#### Comtech CDM-625 Modem with 10Mb CnC

Used Comtech EFData CDM-625 modem, L-Band and 70MHz, 8PSK/8QAM, 10Mbps, LDPC/TPC, CnC card with 10Mbps license, Ethernet with Advanced QOS

This modem does not have a BUC power supply, but it does have LNB power supply plus 10 MHz reference.



As with all CDM-625 modems there are a number of upgrades that can be performed at the...

**\$4,950.00**



#### Comtech CDM570-L Modem with Vipersat and Ethernet Options

We have a quantity of the used Comtech CDM570-L Modem, they are equipped with full Ethernet and Vipersat features.



The standard features sold with the Comtech CDM570-L Modem are 100W BUC (24VDC) power supply, Turbo Product Code, IP Module, 5 Mb Data Rate, Header Compression, Data Compression, IP QOS and Vipersat.

Other features not...

**\$1,950.00**



#### Comtech EFData CDD-564 Demodulator

Comtech EFData CDD-564 Demodulator is a four channel demodulator, we have a good quantity of these units available with a 60 day warranty.

The CDD-564 works with a standard LNB for input, and the models that we have are Turbo, QPSK with an 18VDC supply to power the LNB. They are fully IP enabled for M&C and for data transmission.

With...

**\$1,945.00**



#### Comtech EFData CDM-840 Remote Router

This is an unused Comtech EFData CDM-840 Remote Router - for us older satellite guys the first shock is that it doesn't have a front panel with display and keyboard. The second shock is that it's not called a Modem, but looking through the detailed specs, it looks suspiciously like a modem to me.

The modem/router thingy has only been here a...

**\$3,850.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017



### Datum PSM500L L-Band Satellite Modem

PSM500L L-Band Satellite Modem is a highly configurable L-Band modem manufactured by Datum Systems and private labeled to Vitacom.

We have a selection of eight L-Band modems with a range of options. All of them have ethernet, some have LDPC others have TPC. All have 8PSK and 16QAM.

We have prepared a separate spread sheet detailing the...



### iDirect Evolution X5 Satellite Router - not working

When we test iDirect Evolution X5 modems we often find one that fails. typically the problem is corrupted software and in that case we download a new package file and re-install it.

Occasionally we find one that will not respond to software re-installation and the problem is a hardware problem.



### iDirect iNfiniti 5100 Satellite Router

This iDirect iNfiniti 5100 Satellite Router is unlocked, fully tested and is guaranteed to be in good working condition. Each router has a label attached with the current IP address and passwords for Admin and Root.



The photograph shows a combination of 5100, 5150 and 3100 routers.

Here are some of the manufacturer's comments:

**\$395.00**

**~~\$495.00~~ \$100.00**



### iDirect iNfiniti 5150 Satellite Router

iNfiniti 5150 Satellite Router from iDirect Corporation. This is one of their legacy modems and although the series has been replaced by Evolution series routers, the iNfiniti series is still used throughout the world in their thousands.



Here are some of the manufacturer's comments:

Developed specifically to support the business...

**\$425.00**



### iDirect iNfiniti 7350 Satellite Router

We have a few remaining iDirect iNfiniti 7350 Satellite Routers that have been tested and made ready for resale. Out of an initial quantity of 50 routers we only have sold all except for a few.



The 7350 does not require the typical power brick that other iDirect routers use. This modem connects directly to AC power.

Prior to...

**\$895.00**



**New Era Systems catalog**

This catalog was generated on July 13, 2017

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**Parts****CDM-570L 24VDC BUC Power Supply**

We have several CDM-570L 24VDC BUC Power Supply modules for sale.

Not all CDM-570L modems are purchased with a BUC power supply, or in other cases the modem may have a 24V installed, but require 48V power supply instead. Either way, in a few minutes one of our power supplies can be easily installed in the CDM-570L.

We have several used...

**\$249.00**

Switches

Redundancy



CPI LOW PROFILE REMOTE CONTROL FOR TWTA's

CPI LOW PROFILE REMOTE CONTROL FOR TWTA's

THIS UNIT WAS A SHELF SPARE AND AS FAR AS I KNOW NEVER USED FOR SERVICE.

MAY HAVE BEEN PROGRAMMED FOR A 1:2 OUTDOOR TWTA SYSTEM.

UNIT DESIGNED TO WORK WITH CMPA'S, CHPA'S AND OUTDOOR TWTA SYSTEMS.

CPI LOW PROFILE REMOTE CONTROL FOR TWTA's

[caption id="attachment\_4344" align="alignnone"...

**\$2,500.00**



Radyne RCU-101 Frequency Converter Redundancy Switch

Radyne RCU-101 Redundancy Switch is featured here with two SFC4200 C-Band Down Converters

The photographs show a set of two converters and a redundancy switch, the Radyne model RCU-101. When it is configured this way the combination provides a full redundancy system, normally required for critical applications.



The price shown is...

**\$7,900.00**

**New Era Systems catalog**

This catalog was generated on July 13, 2017

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## Telephone Equipment



### Clarent Netperformer SDM-9400

Clarent Netperformer SDM-9400 Frame Relay Access Device (FRAD) also known as a Lucent Cleartrac V410, also known as the ACT 9400 SDM. That's a lot of names for an old product, but in wrestling match ACT Networks is the name most people know.

Does anybody use Frame Relay today?

We don't have any way to test these two Clarent Netperformer...

**\$150.00**

Test & Measurement

Networking Equipment



Comsat CLA-2000 Link Accelerator

CLA-2000 Link Accelerator manufactured originally by Comsat but today it has the Viasat label. This is a used item and not possible for us to perform a full function test. Like all items that we sell we offer this with a money back guarantee.



If you are like me and need some idea of what it does, I copied the first few paragraphs from...

**\$1,124.00**



## New Era Systems catalog

This catalog was generated on July 13, 2017

### Distribution Amplifiers



#### HP 5087A Distribution Amplifier

HP 5087A Distribution Amplifier is a used device typically used to take a single input frequency and distribute it to up to twelve other devices.

A passive splitter could do the same thing but each output port would attenuate the original signal. The advantage of the distribution amplifier is that the original signal strength is not...

**\$425.00**



#### HP5087B Distribution Amplifier

HP5087B Distribution Amplifier manufacturers appears to have changed over the years, they have been sold by HP, Agilent and most recently Symmetricom.

This is a 12 channel wideband amplifier labeled by Agilent



The 5087B Wideband Distribution amplifier is an economical solution for distributing signals from various frequency standards...

**\$475.00**

## New Era Systems catalog

This catalog was generated on July 13, 2017

### Dummy Loads



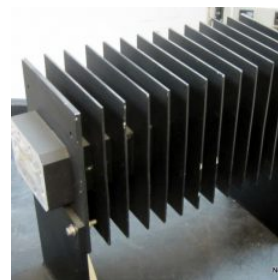
#### Apollo 1500 Watt C Band Dummy Load

This Apollo 1500 Watt C Band Dummy Load is an example of several C and KU Dummy Loads in that we have in stock.



#### Apollo 1KW C-Band Dummy Load

Apollo 1KW C-Band Dummy Load model number 14738-1 is used but in perfect condition. It has a WR137 flange.



#### Apollo 2KW C-Band Dummy Load

Apollo 2KW C-Band Dummy Load rated at 2KW continuous power adsorption. The flange is WR159.



This is a 1500 Watt Dummy w ith a WR137 flange.

**\$700.00**

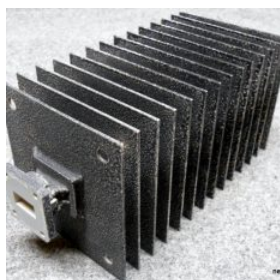


**\$450.00**



The dummy load has mounting brackets attached for ease of use.

**\$495.00**



#### Apollo Dummy Load KU 750 Watt

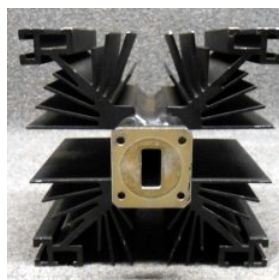
Apollo Dummy Load KU 750 Watt. We Have a Large number C and Ku Band loads in stock.



#### Apollo Dummy Load KU 750 Watt

This is a 750 watt dummy load with a WR75 flange. Total Length of 8.5 inches. Fin area is 8.75 x 5 x 5 inches.

**\$600.00**

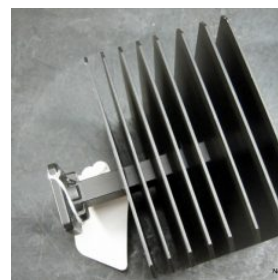


#### Apollo KU Band 500 Watt Dummy Load WR75 Flange Model 10606

Apollo KU Band 500 Watt Dummy Load WR75 Flange Model 10606

Total Length 7 inches. fin area 5 x 5 x 5 inches

**\$500.00**



#### ATM 75-745A-6 KU-Band Dummy Load

This is an ATM 75-745A-6 KU-Band Dummy Load-Band with a WR75 flange, with a frequency range of 10GHz to 15GHz this load is perfect for operation or testing a KU-Band amplifier.



**\$325.00**

**New Era Systems catalog**

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**C Band 2.5 KW Dummy Load WR137 Cover Flange**

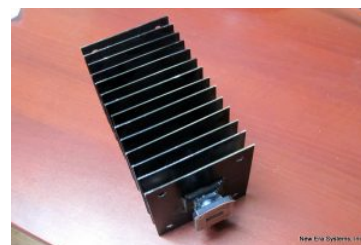
C Band 2.5 KW Dummy Load WR137 Cover Flange

**\$850.00****C-Band 400 Watt Dummy Load WR137 Flange**

C Band 400 Watt Dummy Load WR137 Flange Total Length 7.75 inches, fin area 6.75 x 4 x 3.25 inches

**\$450.00****Pro-Com 350W KU-Band Dummy Load**

This is a Pro-Com 350W KU-Band Dummy Load. Although we have labeled this as a 350W load we are being conservative, there is no documentation describing the 01-007732-07 and therefore our estimate is based on its size instead of concrete specifications. However, we do know that the flange is WR75.

**\$350.00****Specialty Microwave Corp Ku band 3 KW Dummy Load**

Specialty Microwave Corp Ku band 3 KW Dummy Load have 5 available. They 23 inches long. Comes with mounting plates as you can see in photos.



This KU 3 KW Dummy Load has a WR75 flange.

**\$900.00****Termaline 25W Coaxial Resistor**

Termaline 25W Coaxial Resistor. This is another name for a Dummy Load. The connector is BNC and the item is marked as 25 Watts. It is probably used to terminate the output of a low frequency amplifier output in the low Megahertz range.



We are unable to find any documentation about this item.

**\$75.00****Waveline 7582 500W KU-Band Dummy Load**

You don't expect a 500 watt dummy load in such a small size, but the waveline product chart shown below advises that is exactly what to expect from this small unit. The frequency range is 10 GHz to 15 GHz and with a WR75 Flange the load is perfect for testing or operation of medium sized KU-Band Amplifiers.

**\$325.00**

## New Era Systems catalog

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### Frequency Generator & Counters



#### Agilent 83620B Signal Generator

This Agilent 83620B Signal Generator is a used, fully functional Swept Signal Generator, with a frequency range of 10MHz to 20GHz. We use this and similar Signal Generators to allow accurate testing of any device that requires an accurate frequency input.



It is impossible in this short space to list all of the features of this Agilent...

**\$19,270.00**



#### HP 5350B Frequency Counter

This is used HP 5350B Frequency Counter in the photographs below you can see it being used on our test bench measuring the output from an Advantech L-Band to C-Band up converter.

Our engineer explained why he preferred to use the output from the HP 5350B Frequency Counter instead of measurement using a spectrum analyzer. The frequency...

**\$995.00**



#### N9344C Handheld Spectrum Analyzer (HSA), 20 GHz

N9344C Handheld Spectrum Analyzer (HSA), 20 GHz this is one of the most amazing products that we have brought into our shop.

Normally a 20 GHz Spectrum analyzer weighs 30 lbs and is seriously large in stature. In contrast This N9344C Handheld Spectrum Analyzer has a simple carry strap and weighs less than ten pounds but the screen is the...

**\$11,590.00**



## New Era Systems catalog

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### Power Meters



#### Agilent E4412A Power Sensor

Agilent E4412A Power Sensor is a used, but fully tested power head for the Agilent E series power meters. We tested it with our E4418B EPM Power meter and received identical results when we compared this power head with another power sensor.

The bottom photograph shows the output from the test subject using this power head connected to a...

**\$1,350.00**



#### Agilent E4418B Digital Power Meter

Agilent E4418B is a used digital Power Meter in the EPM series. It is a complete power meter with the power head and it has been tested and is guaranteed to be in excellent working condition.



The Agilent E4418B allows front panel adjustments for the RF frequency being tested and a calibration factor to compensate for the attenuation of...

**\$3,750.00**



#### Boonton 42B Power Meter

Boonton 42B Power Meter complete with power head and cable, is an old school analog power meter. In truth it's a microwatt meter, but with the appropriate padding it can read up to 99 watts of power in the C-Band frequency range.



The photograph shows our cheap Boonton power meter in comparison with a state-of-the-art Agilent digital...

**\$750.00**



#### HP 436A Power Meter without Sensor

HP 436A Power Meter is used, and as far as we can tell it is in working condition. It lacks a power sensor (power head) and that prevents us from making a complete test.

Our HP 436A offers intuitive and straightforward manual operation as well as HP-IB programmability via option 022.



As with all of our used products we offer a fitness...

**\$129.00**



#### N9344C Handheld Spectrum Analyzer (HSA), 20 GHz

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**\$11,590.00**



#### Pascall 4007 Power Meter

This is a used Pascall 4007 Power Meter - originally we took that single photograph of the front, but in an attempt to find out more about it I decided to photograph the back and see what the connections look like but the Pascall 4007 Power Meter is currently buried behind five 400W MCL TWTAs - so this task has been relegated to sometime...

**\$695.00**

## New Era Systems catalog

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### Spectrum Analyzer



#### Agilent E4401B Spectrum Analyzer

We can offer several used E4401B Spectrum Analyzers, with their 1700 MHz upper frequency range they are perfect for L-Band and IF frequency monitoring.



#### Introduction

All specifications apply over 0 °C to + 55 °C unless otherwise noted and are covered by the product warranty. The analyzer will meet its specifications when: it's...

**\$3,100.00**



#### HP 8595E Spectrum Analyzer

HP 8595E Spectrum Analyzer is an excellent choice for earth stations needing to monitor frequencies up to and including C-Band. Lower Frequency of 9kHz and an upper limit of 6.5GHz this is a good low cost analyzer for measurement in that frequency range.



Excellent working condition, but not recently calibrated. Full calibration can be...

**\$1,950.00**



#### LP Technologies LPT-3000

Internet Enabled remote spectrum analyzer. With four separate IF inputs, this package can remotely monitor dozens of individual carriers.



This analyzer was used until last month by a teleport, it allowed the support staff in other time zones immediate access to clients carrier information. [LPT-3000 Datasheet](#)

**\$3,500.00**



#### N9344C Handheld Spectrum Analyzer (HSA), 20 GHz

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**\$11,590.00**

Video Equipment

IRD



Tiernan TDR3000 Digital Satellite IRD

The Tiernan TDR3000 Digital Satellite IRD is a used MPEG2 Decoder, with DVB-S and ASI common interface



DESCRIPTION

The TDR3000 is Tiernan's cost effective professional IRD solution for cable, business or private television networks.

The TDR3000 is DVB and MPEG-2 compliant and equipped with a QPSK demodulator and an ASI...

**\$329.00**



Tiernan TDR777

The Tiernan TDR777 is a Professional MPEG-2 DVB IRD that receives/decodes video and audio at programmable DVB QPSK symbol rates from 2 to 30 MSps. The output includes one NTSC or PAL composite

DESCRIPTION

Applications for the Tiernan TDR777 IRD include business television networks, distance learning, teleconferencing, broadcast...

**\$195.00**

**New Era Systems catalog**

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**Modulators****LNR LVM 70 Analog Video Modulator**

We have for sale a used LNR LVM 70 Analog Video Modulator - Model LVM 70. They are becoming more rare and difficult to find.

The LNR type LVM-70 Modulator is designed to provide high quality, reliable generation of video signals as may...

**\$2,750.00**



**New Era Systems catalog**This catalog was generated on July 13, 2017

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**Encoders****Divicom MediaView MV15**

Divicom MediaView MV15 is a used Satellite DVB MPEG-2 Encoder - 30-day Warranty



The Harmonic standard definition (SD) DiviCom encoders produce high quality MPEG-2 compliant transport streams in 4:2:0 or 4:2:2. The SD DiviCom encoders accept analog composite or serial digital video in either NTSC or PAL (BCD video formats).

**\$650.00**