

WAVELINE INC.

**Dummy Loads
Medium Power
Finned**

**1.70 to 50.0 GHz
MEDIUM POWER**

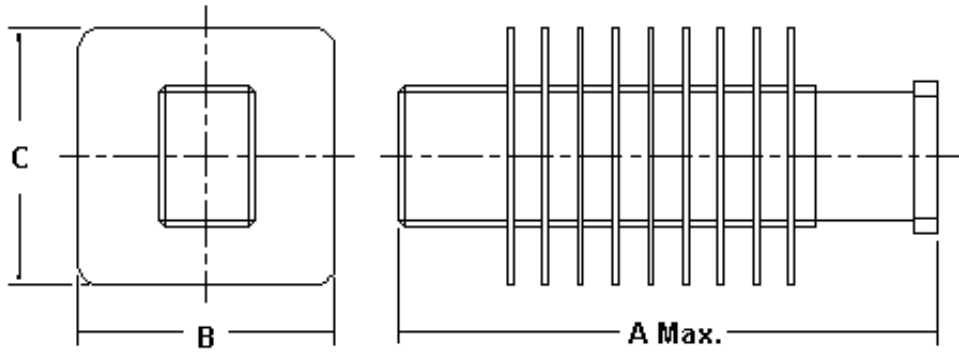
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Medium Power Dummy Loads Finned

These medium power finned dummy loads employ welded construction and silicon carbide high temperature dissipating elements. The elements are in direct contact with the waveguide walls and in combination with the transverse cooling fins provide for optimum heat dissipation. The units are designed to withstand extremely high temperatures and thermal shocks.

Power absorption capabilities are indicated by the individual ratings shown in the table. All units are pressure tested to 35 PSIG. Finish is heat resisting black enamel.

WG Size	Frequency Range, GHz	Equivalent Flange Type	WG Mtl.	VSWR Max.	Avg. Power Watts	Max. Peak Power kW	Inches A	Inches B	Inches C	Model Number
WR-430	1.70 to 2.60	CPR-430 Flat	AL	1.15	5000	10000	21.06	6.00	8.00	4382
WR-284	2.60 to 3.95	UG-584/U Cover	AL	1.10	4500	3200	14.13	4.88	6.38	282
WR-229	3.30 to 4.90	CMR-229 Style	AL	1.20	4500	2200	14.38	4.88	6.38	2982
WR-187	3.95 to 5.85	UG-407/U Cover	AL	1.10	2000	2000	9.88	3.63	4.13	382
WR-159	4.90 to 7.05	CMR-159 Style	AL	1.10	2000	1000	10.25	3.63	4.13	5982
WR-137	5.85 to 8.20	UG-441/U Cover	AL	1.10	1000	710	7.94	3.63	4.13	482
WR-112	7.05 to 10.0	UG-138/U Cover	AL	1.10	600	460	6.50	2.50	3.13	582
WR-102	7.00 to 11.0	WR-102 Cover	AL	1.10	600	460	6.50	2.50	3.13	0282
WR-90	8.20 to 12.4	UG-135/U Cover	AL	1.10	500	290	5.75	2.75	2.75	682
WR-75	10.0 to 15.0	WR-75 Cover	AL	1.15	500	230	5.75	2.75	2.75	7582
WR-62	12.4 to 18.0	UG-1665/U Cover	AL	1.15	250	160	4.25	2.44	2.44	782
WR-51	15.0 to 22.0	WR-51 Cover	AL	1.15	250	160	4.25	2.44	2.44	5182
WR-42	18.0 to 26.5	UG-597/U Cover	AL	1.15	150	80	4.25	2.44	2.44	882
WR-28	26.5 to 40.0	UG-599/U Cover	AL	1.15	75	75	4.25	2.00	2.00	1082
WR-22	33.0 to 50.0	WR-22 Round Cover	AL	1.15	60	25	3.69	1.50	1.50	1182

Please call if you need any further assistance or information.

35 **WAVELINE INC.**

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