

Medium Power Terminations

Series 100

Features

- Low VSWR
- Compact Design
- Models from 3.3 to 140GHz

High Power Terminations are also available for satcoms applications - details on request

Series 100 Medium Power Terminations have a maximum VSWR of 1.15 : 1 with the ability to absorb high RF energy levels.

Cooling fins are mounted on the external waveguide surfaces to dissipate efficiently the absorbed RF energy. The power level stated is for natural cooling and may be increased if forced cooling is used.

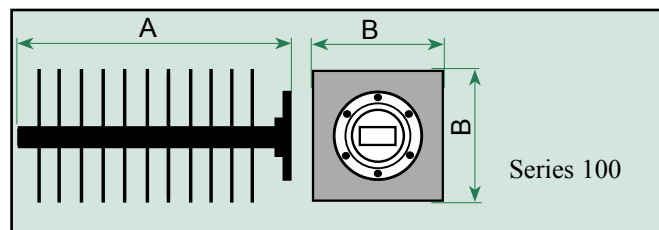
ORDERING INFORMATION

Model: Description

Example: Model 18100 Medium power termination



Model 18100



Model	Frequency Range (GHz)	Waveguide			Max Mean cw power (watts)	Maximum VSWR	Dimensions(mm)		Weight (kg)	Model
		WG	R	WR			A	B		
11A100	3.30 - 4.90	11A	40	229	150	1.15	400	200	6.0	11A100
12100	3.94 - 5.99	12	48	187	100	1.15	310	165	4.2	12100
13100	4.90 - 7.05	13	58	159	80	1.15	285	140	3.5	13100
14100	5.38 - 8.18	14	70	137	70	1.15	230	120	2.5	14100
15100	6.58 - 10.0	15	84	112	40	1.15	214	95	1.5	15100
16100	8.20 - 12.5	16	100	90	30	1.15	168	85	1.0	16100
17100	9.84 - 15.0	17	120	75	25	1.15	159	80	0.7	17100
18100	11.9 - 18.0	18	140	62	20	1.15	130	75	0.5	18100
19100	14.5 - 22.0	19	180	51	18	1.15	110	75	0.45	19100
20100	17.6 - 26.7	20	220	42	15	1.15	83	75	0.35	20100
21100	21.7 - 33.0	21	260	34	12	1.15	72	70	0.25	21100
22100	26.4 - 40.1	22	320	28	10	1.15	72	60	0.13	22100
23100	33.0 - 50.1	23	400	22	8	1.15	64	55	0.10	23100
24100	39.3 - 59.7	24	500	19	8	1.15	50	45	0.07	24100
25100	49.9 - 75.8	25	620	15	5	1.15	40	30	0.06	25100
26100	60.5 - 92.0	26	740	12	4	1.15	35	25	0.05	26100
27100	73.8 - 112	27	900	10	2	1.15	75	9	0.05	27100
28100	92.3 - 114	28	1200	8	2	1.15	75	9	0.05	28100

Other Terminations can be supplied with higher power rating.

Note: Models 27100 and 28100 do not have fins.

For standard flange types and recommendations see pages 108 onwards