

Terminations



DrawCom medium power short terminations can be used in various applications. The absorbing element, made of silicone carbide, is mechanically secured to the waveguide section and can withstand elevated temperatures. Full band VSWR 1.40 for any W/G size.

Medium Power Terminations

Part No.	Waveguide Size	Length (in.)	Maximum VSWR Any 10% of Bandwidth	Power Rating (W)
M0929-01	284	9.25	1.10	275
M0929-02	229	8.75	1.10	225
M0929-03	187	8.25	1.10	175
M0929-04	159	7.00	1.10	125
M0929-05	137	6.00	1.10	75
M0929-06	112	5.00	1.10	75
M0929-07	90	5.00	1.10	75
M0929-08	75	3.25	1.10	75
M0929-09	62	4.00	1.10	75
M0929-10	51	3.75	1.10	40
M0929-11	42	3.50	1.10	40

These are single element terminations with a power dissipation ranging from 3000 Watts for WR284 to 220 Watts for WR42, using convection cooling. Use of forced air cooling will increase the power dissipation capacity by about 50%. Maximum VSWR 1.10 optimized over any 10% of bandwidth.

High Power Terminations

Part No. *	Waveguide Size	Power Rating (W)		Dimension A (in.)	Dimension B (in.)
		Convection Cooling	Forced Air Cooling		
M1233-01	284	3000	4500	20.50	8.00
M1233-03	187	1800	2600	15.00	5.75
M1233-04	159	1500	2200	13.00	5.00
M1233-05	137	1200	1800	12.00	4.50
M1233-06	112	900	1300	10.00	4.00
M1233-07	90	700	1000	7.50	3.50
M1233-08	75	400	600	6.50	3.00
M1233-09	62	300	400	5.00	2.50
M1233-10	51	200	300	4.25	2.00
M1233-11	42	150	220	4.00	1.75

ORDERING INFORMATION

1. Specify model number.
 2. Specify center frequency.
 3. Specify flange code (see page 30).
- *M1233 – Flat flange style only.

ORDERING EXAMPLE

PART NO.	FREQUENCY	FLANGE
M0929-05	6.14	02

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