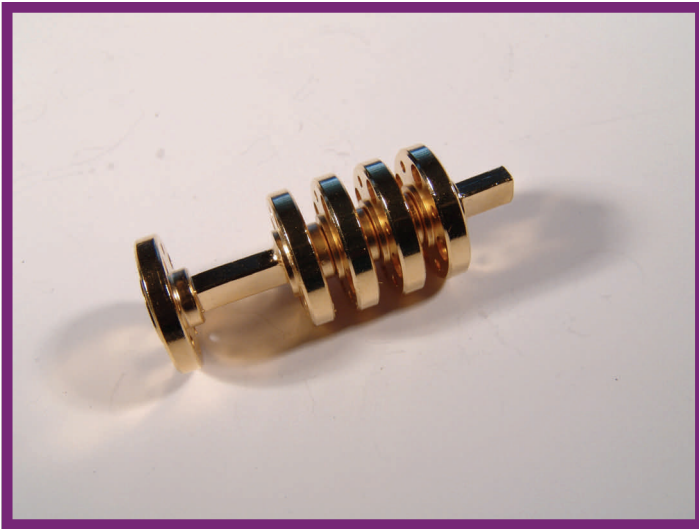


581 Series Medium Power Load Terminations



Features

- Low VSWR
- Compact Size
- Full Waveguide Bandwidths
- Available for Low Power and Medium Power Applications

Description 581 Series Terminations

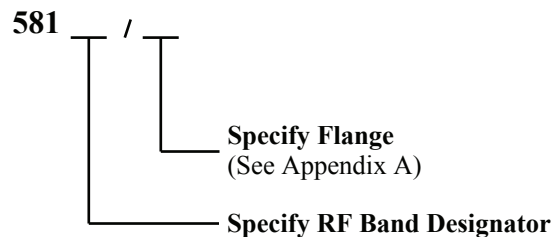
Mi-Wave's 581 series terminations are designed with standard waveguide flanges for use from 12.4 to 220 GHz. Each unit consists of a short length of waveguide and an integral matched terminal load. Individual resistive dielectric loads are tapered to precise wedge configurations for maximum effective energy absorption. The gradual taper provides a low VSWR over the full waveguide bandwidth.

Please Note: For higher power requirements 582 series up to 100 watts CW, please consult **Mi-Wave** for technical specifications.

Applications

The 581 series terminations are used in experimental and developmental test sets where a low VSWR wave-guide load is essential for valid and accurate measurements. These terminations will ensure precise measurement of the VSWR resulting from insertion of various waveguide components into a system.

Ordering Information



Mi-Wave

Millimeter Wave Products Inc.

www.miwv.com

2200 Tall Pines Drive, Suite 100

Largo, FL 33771

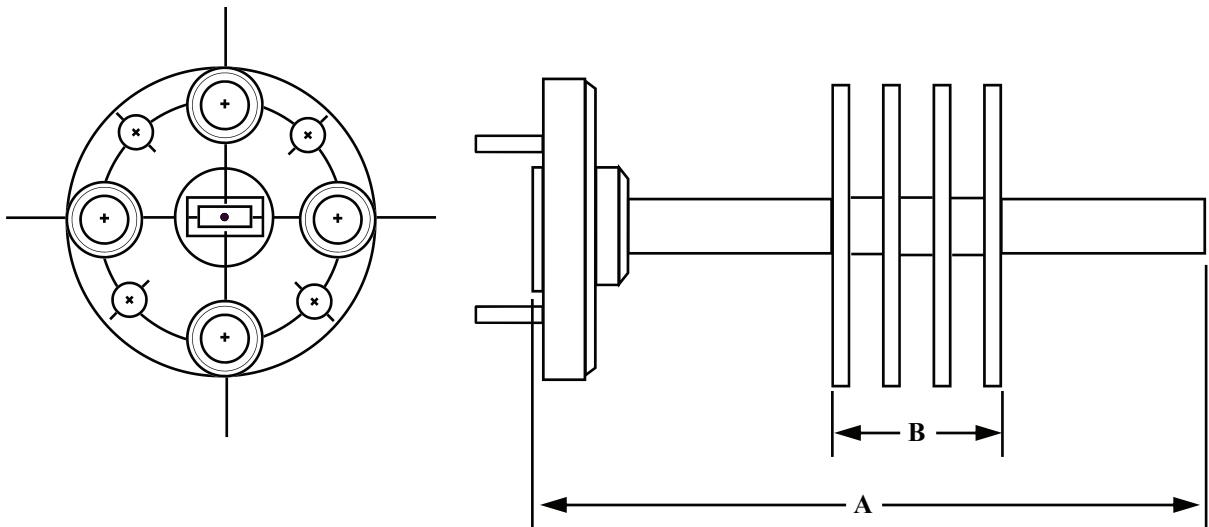
Tel. (727) 536-0033 Fax. (727) 536-0012

E: sales@miwv.com

581 Series Medium Power Load Terminations

Technical Specifications

Model Number	581Ku	581K	581A	581B	581U	581V	581E	581W	581F	581D	581G
Frequency Band (GHz)	12.4-18.0	18.0-26.5	26.5-40.0	33.0-50.0	40.0-60.0	50.0-75.0	60.0-90.0	75.0-110.0	90.0-140.0	110.0-170.0	140.0-220.0
VSWR Max.	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.15	1.15	1.15
Average Power (Watts)	10.0	8.0	7.0	5.0	3.0	2.0	1.8	1.2	0.4	0.3	0.2



Dimensional Specifications

Model Number	A		B	
	in	mm	in	mm
581Ku	3.88	98.6	1.50	38.1
581K	2.88	73.2	1.00	25.4
581A	2.43	61.7	1.25	31.8
581B	2.43	61.7	1.12	28.4
581U	2.43	61.7	0.75	19.1
581V	2.00	50.8	0.75	19.1
581E	2.00	50.8	0.75	19.1
581W	2.00	50.8	0.75	19.1
581F	1.38	35.1	0.75	19.1
581D	1.38	35.1	0.75	19.1
581G	1.38	35.1	0.75	19.1

Mi-Wave

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