

580 Series

Terminations



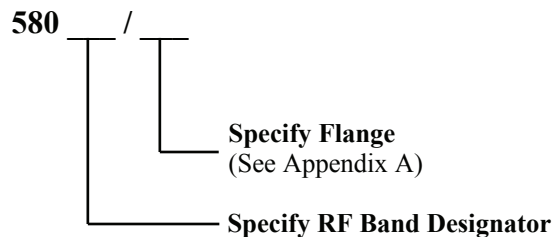
Features

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

Description 580 Series Terminations

Mi-Wave's 580 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.

Ordering Information



Applications

The 580 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.

Mi-Wave

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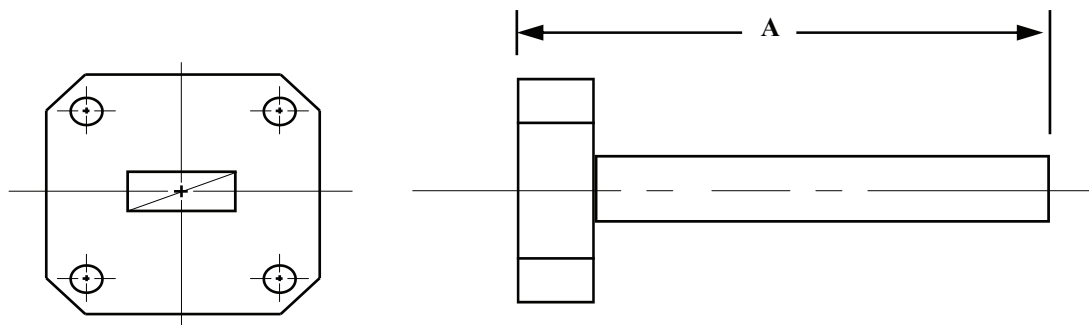
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Technical Specifications

Model Number	580Ku	580K	580A	580B	580U	580V	580E	580W	580F	580D	580G
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	140-220
VSWR Max.	1.05	1.05	1.05	1.05	1.06	1.06	1.06	1.06	1.10	1.10	1.10
Average Power (Watts)	7.0	6.0	5.0	4.0	2.0	1.0	0.6	0.4	0.2	0.1	0.1



Dimensional Specifications

Model Number	A	
	in	mm
580Ku	3.31	84.1
580K	3.00	76.2
580A	2.38	60.5
580B	2.00	50.8
580U	1.75	44.5
580V	1.50	38.1
580E	1.50	38.1
580W	1.50	38.1
580F	0.88	22.4
580D	0.88	22.4
580G	0.88	22.4

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