

Fixed Attenuators

18 - 325 GHz

3(WG) 109 Series

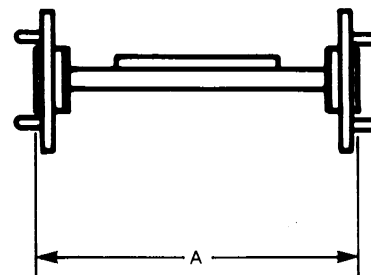
V2.00

Features

- Low and High Power
- Full Waveguide Bandwidths
- Minimum VSWR

Description

This series of attenuators provides an inexpensive method of making measurements in fixed frequency laboratory or production test set-ups. Fixed attenuators are generally designed into a system at a given frequency for a specific purpose such as detector protection. These units consist of a section of waveguide into which a fixed resistive vane is inserted.



Mechanical Specifications

Waveguide	WR-42	WR-28	WR-22	WR-19	WR-15	WR-12	WR-10	WR-08	WR-06	WR-05	WR-04	WR-03
RF Mating Flange MIL-F-3922/	54-001-M	68-001	67B-006	67B-007	67B-008	67B-009	67B-010	74-001	74-002	74-003	74-004	74-005
UG Reference	595/U	599/U	383/U	383/U-M	385/U	387/U	387/U-M	Pin Contact	Pin Contact	Pin Contact	Pin Contact	Pin Contact
Dim (Max.) Inch (mm)	3.50 (88.9)	3.00 (76.2)	3.00 (76.2)	3.00 (76.2)	2.00 (50.8)	2.00 (50.8)	2.00 (50.8)	1.50 (38.1)	1.50 (38.1)	1.50 (38.1)	1.50 (38.1)	1.50 (38.1)

Specifications

Waveguide	Frequency (GHz)	VSWR (Max.)	Power (W)	Part Number
WR-42	18-26.5	1.15	0.70	3-42-109
WR-28	26.5-40	1.15	0.60	3-28-109
WR-22	33-50	1.15	0.60	3-22-109
WR-19	40-60	1.15	0.50	3-19-109
WR-15	50-75	1.15	0.40	3-15-109
WR-12	60-90	1.15	0.40	3-12-109
WR-10	75-110	1.15	0.30	3-10-109
WR-08	90-140	1.17	0.10	3-08-109
WR-06	110-170	1.19	0.08	3-06-109
WR-05	140-220	1.21	0.05	3-05-109
WR-04	170-260	1.25	0.03	3-04-109
WR-03	220-325	1.30	0.01	3-03-109

Notes:

1. When ordering, specify center frequency and attenuation value in 1 dB steps to 30 dB max.
Contact factory for high-power options

Specifications Subject to Change Without Notice.

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