

MECHANICAL – VARIABLE ATTENUATORS 1-12.4 GHz



SERIES A800

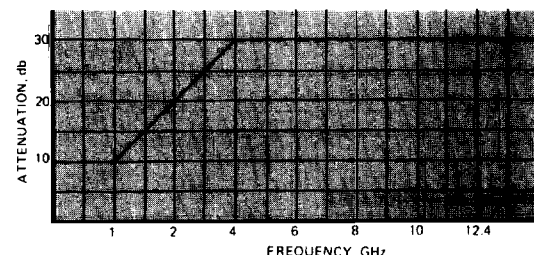
GENERAL INFORMATION:

The A800 Series employs a dissipating element with a precision tuning mechanism to provide a smooth range of continuous attenuation values up to 30 dB. Various shaft drive options are provided for bench or systems applications.

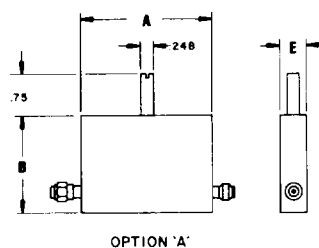
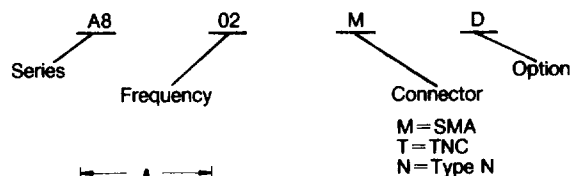
GENERAL SPECIFICATIONS:

Frequency Range:	1-12.4 GHz
Temperature Range:	-55°C + 125°C
Power Max:	10 Watts Average @ 75°C 5 KW Peak
Connectors:	Type N, SMA, or TNC (Specify)
Adjustment Option A:	Front Panel Shaft
Option B:	Screw Driver Shaft w/Locking Nut
Option C:	Mounting Plate—Opp. Shaft, front panel shaft
Option D:	Mounting Plate—Shaft Side, front panel shaft
Option E:	Mounting Plate—Opp. Shaft, screwdriver shaft

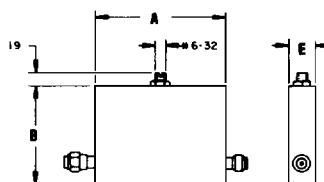
Note: Option B Supplied Unless Otherwise Specified.



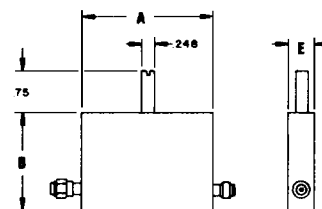
TYPICAL MODEL NUMBER



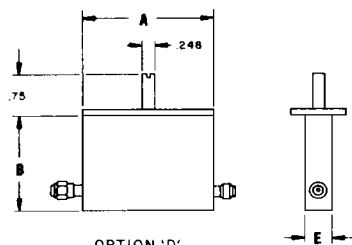
OPTION 'A'



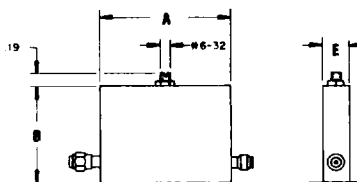
OPTION 'B'



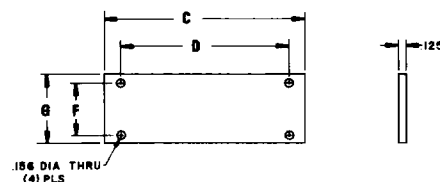
OPTION 'C'



OPTION 'D'



OPTION 'E'



MTG PLATE DETAIL, ALL OPTIONS

PERFORMANCE SPECIFICATIONS

MODEL*	FREQ. GHz	MAX. LOSS dB	INS. VSWR	ADJUST. RANGE (dB)	SIZE (IN.)			
	RANGE				A	B	C	D
A801	1-2	0.3	1.20	10	3.70	2.20	3.70	3.10
A802	2-4	0.3	1.30	20	2.70	1.70	2.70	2.10
A804	4-8	0.4	1.30	30	2.70	1.70	2.70	2.10
A808	8-12.4	0.5	1.30	30	2.40	1.70	2.40	1.80
A800	1-12.4	0.5	1.50	Chart	3.70	2.20	3.70	3.10

*Add letter suffix for connector type and option.

TYPE OF CONN.	SIZE (IN.)		
	E	F	G
'N'	.90	1.20	1.50
'SMA' & 'TNC'	.53	.84	1.15

**KDI/triangle
ELECTRONICS**

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