

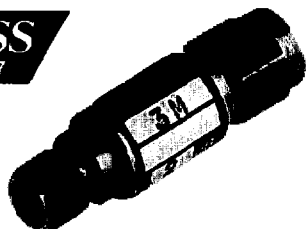
Model 3M Model 4M FIXED COAXIAL ATTENUATORS

dc to 12.4 GHz

dc to 18.0 GHz

2 WATTS

Ruggedized SMA Connectors



FEATURES

- ☐ Usable to 22 GHz.
- ☐ Rugged injection molded connectors.
- ☐ Designed to meet environmental requirements of MIL-A-3933.

SPECIFICATIONS

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: Model 3M: dc to 12.4 GHz
Model 4M: dc to 18.0 GHz

MAXIMUM DEVIATION OVER FREQUENCY:

NOM ATTN (dB)	DEVIATION (dB)	
	3M	4M
0 - 2	± 0.30	± 0.50
2 - 6	± 0.30	± 0.30
6 - 10	± 0.30	± 0.50
10 - 20	± 0.50	± 0.70
20 - 40	± 0.75	± 1.00
40 - 60	± 1.00	± 1.50

MAXIMUM SWR:

FREQUENCY (GHz)	3M	4M
dc - 4	1.15	1.15
4 - 8	1.20	1.20
8 - 12.4	1.25	1.25
12.4 - 18	N/A	1.35

POWER RATING: 2 watts **average** to 25 °C ambient temperature, derated linearly to 0.5 watts at 125 °C.
500 watts **peak** (5 μ sec pulse width; 0.2% duty cycle).

POWER COEFFICIENT: < 0.005 dB/dB/watts

TEMPERATURE COEFFICIENT: < 0.0004 dB/dB/°C

TEMPERATURE RANGE: -55 °C to +125 °C

CALIBRATION: Test data is available at additional cost.

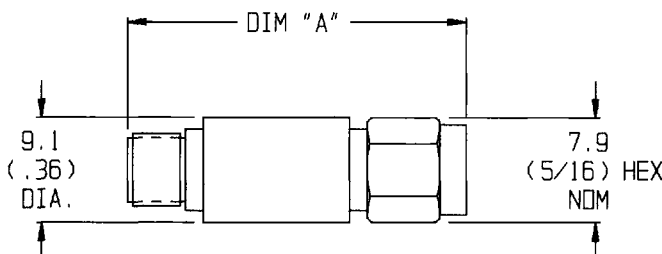
CONNECTORS: SMA connectors per MIL-STD-348 interface dimensions - mate nondestructively with MIL-C-39012 connectors.

CONSTRUCTION: Passivated stainless steel body and connectors; gold plated beryllium copper contacts.

WEIGHT (Both Models):

dB VALUE	WEIGHT (Net)
1 - 10, 20	10 g (0.35 oz)
30, 40, 50, 60	20 g (0.70 oz)

PHYSICAL DIMENSIONS:

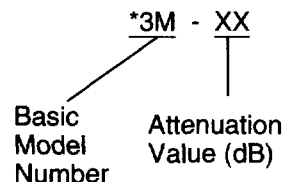


dB value	DIM A
1 - 10, 20	30.5 (1.20)
30, 40, 50, 60	47.0 (1.85)

NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.

MODEL NUMBER DESCRIPTION:

Example



* Add Prefix M for double male and F for double female connectors