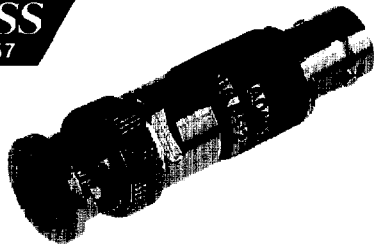


Model 18B FIXED COAXIAL ATTENUATORS

dc to 12.4 GHz

2 WATTS

BNC Connectors



POWER COEFFICIENT: < 0.005 dB/dB/watt

TEMPERATURE COEFFICIENT: < 0.0004 dB/dB/°C

TEMPERATURE RANGE: -55 °C to +125 °C.

CALIBRATION: Test data is available at additional cost.

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

CONSTRUCTION: Gold plated brass male inner conductor. Gold plated beryllium copper, heat treated beryllium copper female inner conductor. Heat treated beryllium copper male outer conductor, nickel plated. Female outer conductor and main body nickel plated brass.

WEIGHT: 110 g (4 oz) maximum

PHYSICAL DIMENSIONS:

FEATURES

- Designed to meet environmental requirements of MIL-A-3933.
- Long Life Connectors

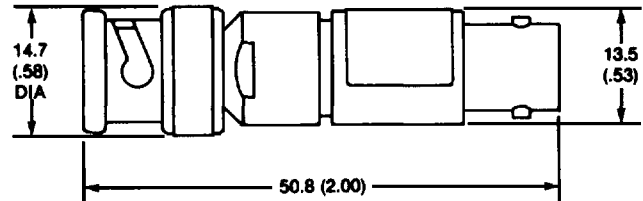
SPECIFICATIONS

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 12.4 GHz

MAXIMUM DEVIATION OVER FREQUENCY (dB):

NOM ATTN (dB)	DEVIATION
1, 2, 3, 4, 5, and 6	± 0.4 dB
7, 8, 9, 10, 20, and 30	± 0.8 dB



MAXIMUM SWR:

FREQUENCY (GHz)	18B
dc - 4	1.25
4 - 8	1.30
8 - 12.4	1.35

POWER RATING: 2 watts **average** to 25 °C ambient temperature, derated linearly to 0 watts @ 125 °C. 500 watts **peak** (5 μsec pulse width; 0.2% duty cycle).

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

MODEL NUMBER DESCRIPTION:

Example:

