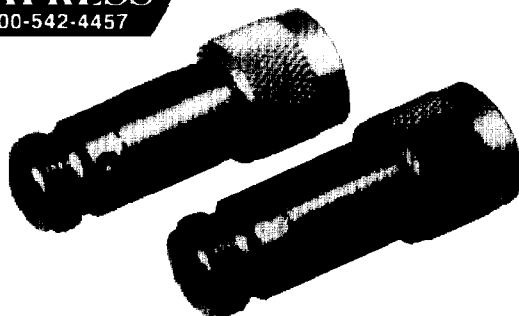


Model 1R FIXED RF ATTENUATOR

dc to 4.0 GHz

2 WATTS

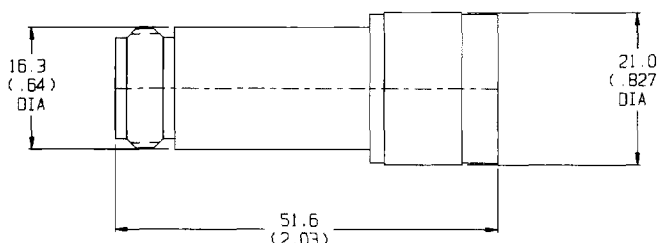
Low Cost, Type N Connectors



CONNECTORS: Type N (male/female) connectors - mate nondestructively with MIL-C-39012 connectors.

WEIGHT: 65 g (2.5 oz) maximum

PHYSICAL DIMENSIONS:



FEATURES

- ☐ Attenuation Values from 1 to 10, 20 & 30 dB.
- ☐ Low Cost
- ☐ **Wireless Applications** - Optimized for use in the wireless communications bands.

SPECIFICATIONS

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 4.0 GHz

MAXIMUM DEVIATION OVER FREQUENCY:

NOM ATTN (dB)	DEVIATION (dB)
1 - 10	± 0.30
20	± 0.50
30	± 0.75

MAXIMUM SWR: 1.25 (1.05 Typical)

POWER RATING: 2 watts **average** to 25 °C ambient temperature, derated linearly to 0.5 watts @ 125 °C. 250 watts **peak** (5 μ sec pulse width; 0.4% duty cycle).

TEMPERATURE RANGE: -20 °C to +105 °C

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

MODEL NUMBER DESCRIPTION:

Example:

