

Fixed Coaxial Attenuators

Model 66 High Power, N or 3.5mm Connectors Convection Cooled

dc to 18.0 GHz 150 Watts

🔽 RoHS



Features

- // Quality injection molded connectors.
- // Designed to meet environmental requirements of MIL-DTL-3933.
- // Broadband performance, ideal for test applications.

Specifications

NOMINAL IMPEDANCE: 50 Ω FREQUENCY RANGE: dc to 18.0 GHz

MAXIMUM DEVIATION OVER FREQUENCY:		
Nominal ATTN (dB)	Deviation (dB)	
10	<u>+</u> 2.00	
20, 30, 40	<u>+</u> 1.50	

MAXIMUM SWR:

Frequency (GHz)	10	20, 30, 40 dB
dc - 18	1.90	1.60

PHYSICAL DIMENSIONS:

POWER RATING (mounted horizontally): 150 watts **average (unidirectional)** @ case temperature of -55°C to +100 °C maximum. 1 kilowatt **peak** (5 μ sec pulse width; 7.5% duty cycle). Maximum power rating into output port is 10 watts average.

POWER COEFFICIENT: <0.0001 dB/dB/watt

TEMPERATURE COEFFICIENT: <0.0004 dB/dB/°C

TEMPERATURE RANGE: -55°C to 100°C (case temp.)

TEST DATA: Swept data plots of attenuation and SWR from 50 MHz to 18 GHz.

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

3.5mm Connectors - mate nondestructively with SMA per MIL-C-39012, 2.92mm and other 3.5mm connectors.

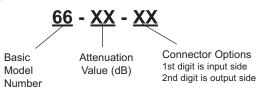
<u>Options</u>	Description	<u>Options</u>	Description
1	3.5mm Female	3	Type N Female
2	3.5mm Male	4	Type N Male

CONSTRUCTION: Aluminum alloy body, stainless steel connectors; gold plated beryllium copper contacts.

WEIGHT: 480 g (17 oz.) maximum

MODEL NUMBER DESCRIPTION:

Example:



338.58 DIM DIM (13.30) MAX "A" "A" TEMPERATURE MONITOR TEMPERATURE MONITOR 41.14 (1.62)DIA MAX 21.0 (0.827) 16.3 (0.62) DIA. Connector DIM A Connector DIM A N Male 24.1 (0.95) 3.5mm Female 14.0 (0.55) N Female 19.0 (0.75) 3.5mm Male 13.2 (0.52)

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

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