

Model 67 High Power Fixed Coaxial Attenuator *Forced Cooled*

dc to 12.7 GHz
350 Watts



Features

- /// Precision 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 12.7 GHz

MAXIMUM DEVIATION OVER FREQUENCY:

Nominal ATTN (dB)	Deviation (dB)	
	dc-8 GHz	8 -12.7 GHz
10	± 2.00	+6.00/-0.00
20, 30, 40	± 2.50	+6.00/-0.00

MAXIMUM SWR:

Frequency (GHz)	SWR
dc - 8	1.30
8 - 12.7	1.60

3rd ORDER INTERMODULATION (58-XX-XX-LIM ONLY): Reflected Levels (IM3), -95 & Through Levels (IM3), -105 dBc with two input signals @ 869 MHz and 891 MHz with average carrier power levels of +43 dBm each.

POWER RATING (mounted horizontally): 350 watts average (unidirectional) @ 25°C ambient temperature. Case temperature must be held to **100°C maximum**. 5 kilowatt **peak** (5 μ sec pulse width; 3.5% duty cycle). Maximum power rating into output port is 10 watts average.

POWER COEFFICIENT: <0.0004 dB/dB/°C

TEMPERATURE COEFFICIENT: <0.00001 dB/dB/W

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

TEST DATA: Swept data plots of attenuation and SWR from 50 MHz to 12.7 GHz supplied.

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

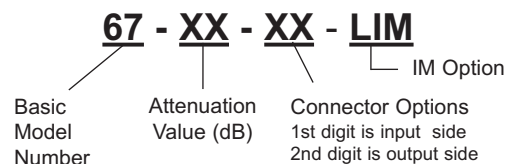
Connector Options	Type/Description
3	Type N, Female
4	Type N, Male

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

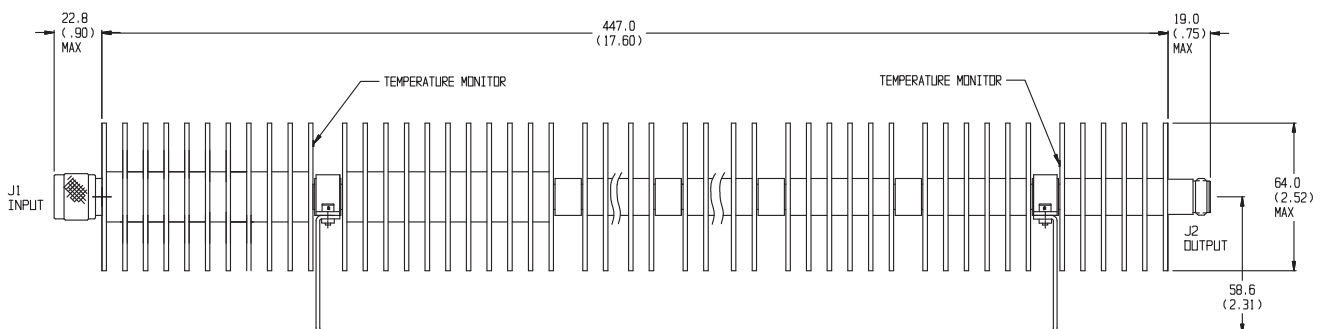
WEIGHT: 1200 g (43 oz.) maximum

MODEL NUMBER DESCRIPTION:

Example:



PHYSICAL DIMENSIONS:



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