

B ATTENUATORS

SMA, up to 18 GHz, 2 Watts

SPECIFICATIONS:

Models: B

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

Frequency Range _____ DC - 18.0 GHz
Standard Freq. Values _____ 2.5, 6, & 18 GHz
Standard dB Values* _____ 0 - 10, 12, 15, 20, 30, 40, 50, & 60 dB
In 1 dB Increments

Attenuation Accuracy

0 - 6 dB _____ ± 0.3 dB
7 - 10, 12, 15 & 20 dB _____ ± 0.5 dB
30 dB _____ ± 0.75 dB
40, 50 & 60 dB _____ ± 1.50 dB

VSWR

DC - 4 GHz _____ 1.15:1 Max.
4 - 8 GHz _____ 1.20:1 Max.
8 - 12.4 GHz _____ 1.25:1 Max.
12.4 - 18 GHz _____ 1.35:1 Max.

Input Power _____ 2 Watts Avg. @ 25°C
Derated Linearly to 0.5 Watts @ +125°C

Peak Power _____ 250 Watts Max.
(5uSec Pulse, .05% Duty Cycle)

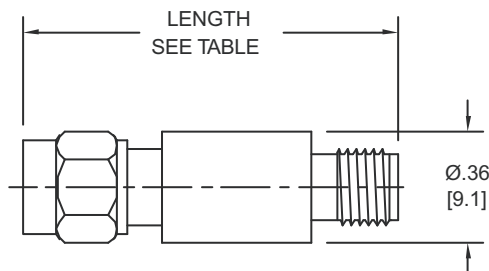
Impedance _____ 50 Ohms

Operating Temp Range _____ -65°C to +125°C

Mechanical:

SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper



Connector Configuration	LENGTH			
	0 - 30 & 40 dB		31- 60 dB (except 40dB)	
	Inches	Millimeters	Inches	Millimeters
Male/Female	1.21 $\pm$.03	[30.7 $\pm$ 0.8]	1.49 $\pm$.03	[37.8 $\pm$ 0.8]
Male/Male	1.33 $\pm$.03	[33.8 $\pm$ 0.8]	1.62 $\pm$.03	[41.1 $\pm$ 0.8]
Female/Female	1.06 $\pm$.03	[26.9 $\pm$ 0.8]	1.35 $\pm$.03	[34.3 $\pm$ 0.8]

HOW TO ORDER:

Model Number: **XXB-XXY**

Freq. Range _____
6 = DC - 6 GHz
18 = DC - 18 GHz

Connector Configuration _____
= Male/Female
F = Fem/Fem
M = Male/Male

_____ dB Value

Ordering Examples:

Model Number: **18B-20**
DC - 18 GHz; 20 dB; SMA - Male/Fem

Model Number: **18B-6F**
DC - 18 GHz; 6 dB; SMA - Fem/Fem

Model Number: **6B-3M**
DC - 6 GHz; 3 dB; SMA - Male/Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

18B-ATT: REV K (M)

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