

# B ATTENUATORS

## SMA, up to 18 GHz, 2 Watts

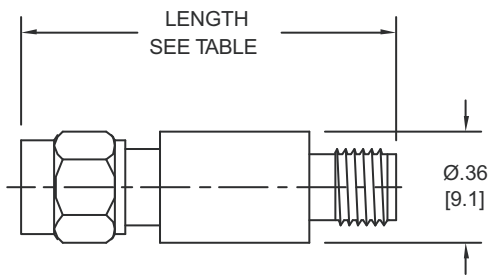
### SPECIFICATIONS:

Models: B

**RoHS**  
Compliant

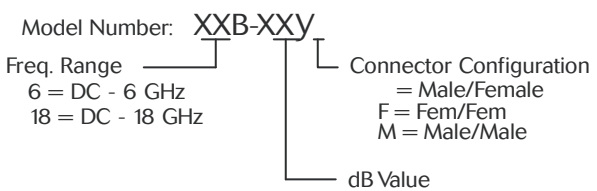
**Electrical:**  
 Frequency Range \_\_\_\_\_ DC - 18.0 GHz  
 Standard Freq. Values \_\_\_\_\_ 2.5, 6, & 18 GHz  
 Standard dB Values\* \_\_\_\_\_ 0 - 10, 12, 15, 20, 30, 40, 50, & 60 dB  
In 1 dB Increments  
 Attenuation Accuracy  
 0 - 6 dB \_\_\_\_\_ ±0.3 dB  
 7 - 10, 12, 15 & 20 dB \_\_\_\_\_ ±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 ±.03	[30.7 ±0.8]	1.49 ±.03	[37.8 ±0.8]
Male/Male	1.33 ±.03	[33.8 ±0.8]	1.62 ±.03	[41.1 ±0.8]
Female/Female	1.06 ±.03	[26.9 ±0.8]	1.35 ±.03	[34.3 ±0.8]

### HOW TO ORDER:



### 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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