ATTENUATORS

SMA, up to 18 GHz, 10 Watts

SPECIFICATIONS:

RoHS Compliant

Models: XXB10W-XX, XXB10W-XXF & XXB10W-XXM

Electrical:

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

Attenuation Accuracy	DC - 12.4 GHz	12.4 - 18 GHz
0 - 6 dB	±0.3 dB	±0.5 dB
7 - 20 dB	±0.5 dB	±0.7 dB
21 - 40 dB	±0.7 dB	±1.0 dB

VSWR	
DC - 6 GHz	1.20:1 Max.
6 - 12.4 GHz	1.30:1 Max.
12.4 - 18 GHz	1.40:1 Max.
Input Power	10 Watts Avg. @ 25°C Derated Linearly to 2 Watts @ +125°C
Peak Power	500 Watts Max. (5uSec Pulse, .05% Duty Cycle)
Impedance	50 Ohms
Operating Temp Range	-65°C to +125°C

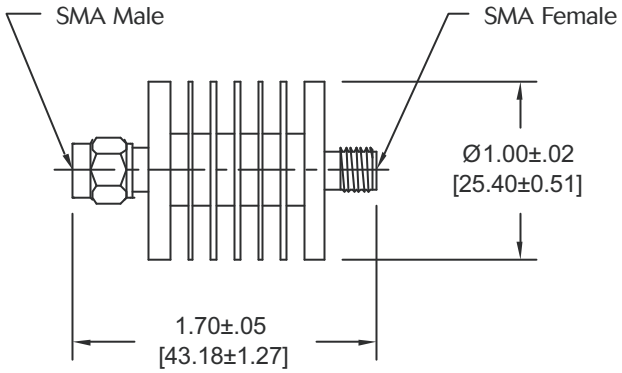
Mechanical:

SMA Connectors Mates with MIL-STD-348	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper
Housing	Anodized Aluminum

Model Number: **XXB10W-XX**
Male/Female Connectors
Length: 1.70 ±.05 [43.2 ±1.3]
Pictured

Model Number: **XXB10W-XXF**
Female/Female Connectors
Length: 1.57 ±.05 [39.9 ±1.3]

Model Number: **XXB10W-XXM**
Male/Male Connectors
Length: 1.84 ±.05 [46.7 ±1.3]



HOW TO ORDER:

Model Number: XXB10W-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: 18B10W-20
DC - 18 GHz; 20 dB; SMA - Male/Fem

Model Number: 6B10W-06F
DC - 6 GHz; 6 dB; SMA - Fem/Fem

Model Number: 18B10W-03M
DC - 18 GHz; 3 dB; SMA - Male/Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
*Other dB values, units that operate over a more specific frequency band and/or offer very low return loss (VSWR) are also available.

XXB10W-ATT: REV M (M)

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