

ATTENUATORS SMA

**UP TO 18 GHz
20 WATTS**



MODELS: XXB20W-XX, XXB20W-XXF & XXB20W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 18.0 GHz
 Standard Freq. Values _____ 2.5, 6, 12.4 & 18 GHz
 Standard dB Values* _____ 0, 3, 6, 10, 20, 30 & 40 dB
 Attenuation Accuracy DC – 6 GHz 6 – 12.4 GHz 12.4 – 18 GHz
 3 & 6 dB _____ ±0.30 dB _____ ±0.50 dB _____ ±0.75 dB
 10 & 20 dB _____ ±0.50 dB _____ ±0.75 dB _____ ±1.00 dB
 30 & 40 dB _____ ±0.75 dB _____ ±1.00 dB _____ ±1.50 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 _____ 20 Watts Avg. @ 25°C
 DERATED LINEARLY TO 4 WATTS @ +125°C
 Peak Power _____ 500 Watts Max.
 (5uSec Pulse, .05% Duty Cycle)
 Impedance _____ 50 Ohms
 Operating Temp Range _____ -65°C to +125°C

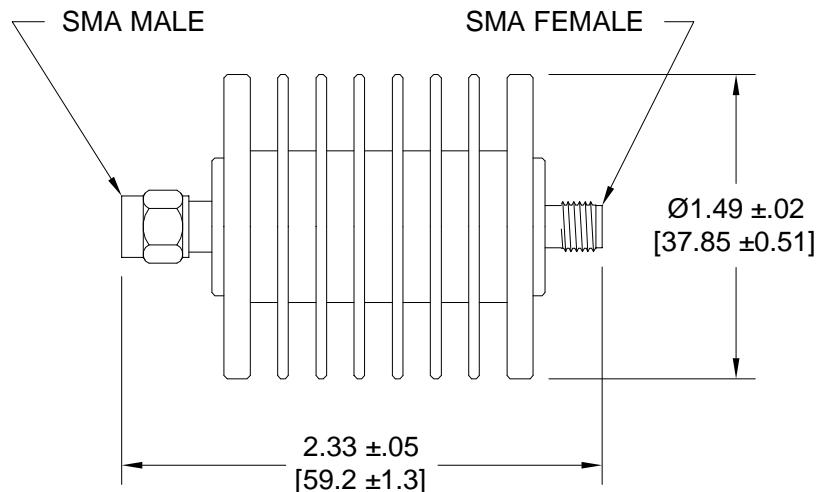
Mechanical:

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

Model Number: **XXB20W-XX**
 Male/Female Connectors
 Length: 2.33 ±.05 [59.2 ±1.3]
 Pictured

Model Number: **XXB20W-XXF**
 Female/Female Connectors
 Length: 2.20 ±.05 [55.9 ±1.3]

Model Number: **XXB20W-XXM**
 Male/Male Connectors
 Length: 2.46 ±.05 [62.5 ±1.3]



HOW TO ORDER:

Model Number: **XXB20W-XXY**

<p>dB Value</p> <p>Freq. Range</p> <p>2 = DC – 2.5 GHz</p> <p>6 = DC – 6 GHz</p> <p>12 = DC – 12.4 GHz</p> <p>18 = DC – 18 GHz</p>	<p>Connector Configuration</p> <p>= Male/Female</p> <p>F = Fem/Fem</p> <p>M = Male/Male</p>
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Ordering Examples:

Model Number: **18B20W-20**
 DC – 18 GHz; 20 dB; Male/Fem

Model Number: **6B20W-02F**
 DC – 6 GHz; 2 dB; Fem/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
 Design specifications are subject to change without notice.