

SMA, up to 18 GHz, 20 Watts

Models: XXB20W-XX, XXB20W-XXF, XXB20W-XXM

RoHS
Compliant



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

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

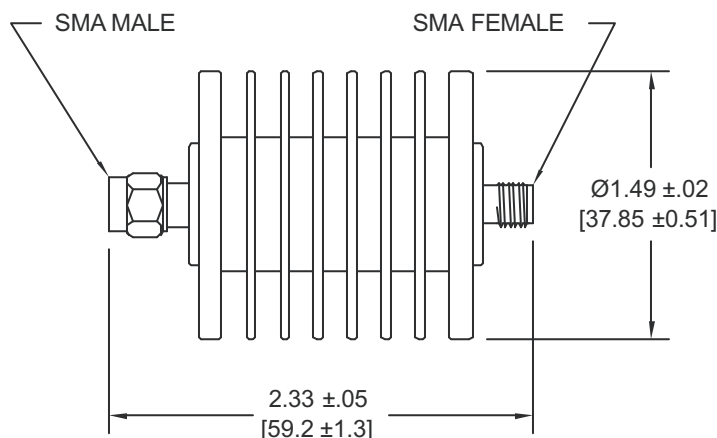
Operating Temp Range _____ -65°C to +125°C

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

Male/Female Connectors
Length: $2.33 \pm .05$ [59.2 ± 1.3]
Pictured

Female/Female Connectors
Length: $2.20 \pm .05$ [55.9 ± 1.3]

Male/Male Connectors
Length: $2.46 \pm .05$ [62.5 ± 1.3]



Model Number: **XXB20W-XXV**

Freq. Range

2	= DC - 2.5 GHz
6	= DC - 6 GHz
12	= DC - 12.4 GHz
18	= DC - 18 GHz

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

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

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

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design specifications are subject to change without notice.
Contact factory for technical specifications before purchasing or use.

XXB20W-XX: REV C



Aeroflex / Inmet, Inc. • 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
888-244-6638 or 734-426-5553 • FAX: 734-426-5557
www.aeroflex-inmet.com • inmet-sales@aeroflex.com