

ATTENUATORS SMA

UP TO 18 GHz
25 WATTS

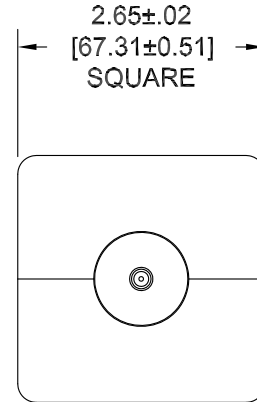


MODELS: XXB25W-XX, XXB25W-XXF & XXB25W-XXM

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
 7 - 20 dB _____ ±0.50 dB _____ ±0.75 dB _____ ±1.00 dB
 21 - 30 dB _____ ±0.75 dB _____ ±1.00 dB _____ ±1.25 dB
 31 - 40 dB _____ ±1.00 dB _____ ±1.25 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 _____ 25 Watts Avg. @ 25°C
 DERATED LINEARLY TO 5 WATTS @ +125°C
 Peak Power _____ 500 Watts Max.
 (5µSec Pulse, .05% Duty Cycle)
 Impedance _____ 50 Ohms
 Operating Temp Range _____ -65°C to +125°C



END VIEW
TYPICAL

Mechanical:

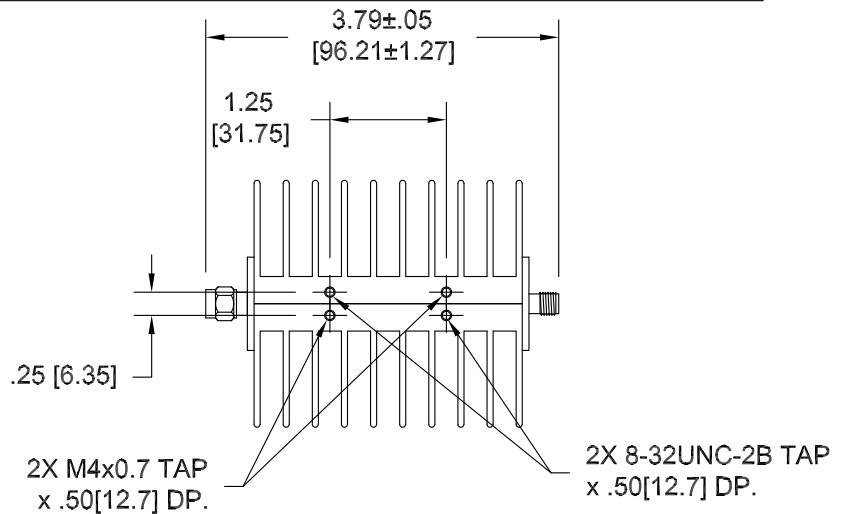
SMA Connectors _____ Passivated Stainless Steel
 Mates with MIL-STD-348
 Conductors _____ Gold Plated Beryllium Copper
 Housing _____ Anodized Aluminum

Units must be Mounted in such a way as to Allow for Free Air Flow Around fins as to Assure Performance.

Model Number: **XXB25W-XX**
 Male/Female Connectors
 Length: 3.79 ±.05 [96.3 ±1.3]
 Pictured

Model Number: **XXB25W-XXF**
 Female/Female Connectors
 Length: 3.66 ±.05 [93.0 ±1.3]

Model Number: **XXB25W-XXM**
 Male/Male Connectors
 Length: 3.92 ±.05 [99.6±1.3]



HOW TO ORDER:

Model Number: **XXB25W-XXY**
 Freq. Range _____ dB Value
 Connector Configuration _____
 2 = DC - 2.5 GHz
 6 = DC - 6 GHz
 12 = DC - 12.4 GHz
 18 = DC - 18 GHz
 F = Male/Female
 M = Male/Male

Ordering Examples:

Model Number: **18B25W-20**
 DC - 18 GHz; 20 dB; Male/Fem
 Model Number: **6B25W-03F**
 DC - 6 GHz; 3 dB; 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.

XXB25W-ATT; REV L

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