

ATTENUATORS

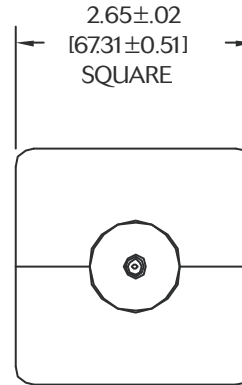
SMA, up to 18 GHz, 25 Watts

SPECIFICATIONS:

Models: **XXB25W-XX**, **XXB25W-XXF** & **XXB25W-XXM**

RoHS
Compliant

Electrical:			
Frequency Range	_____ DC - 18.0 GHz		
Standard Freq. Values	_____ 6, 12.4 & 18 GHz		
Standard dB Values*	_____ 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.		
	(5uSec Pulse, .05% Duty Cycle)		
Impedance	_____ 50 Ohms		
Operating Temp Range	_____ -65°C to +125°C		
Mechanical:			
SMA Connectors	_____ Passivated Stainless Steel		
	Mates with MILSTD-348		
Conductors	_____ Gold Plated Beryllium Copper		
Housing	_____ Anodized Aluminum		



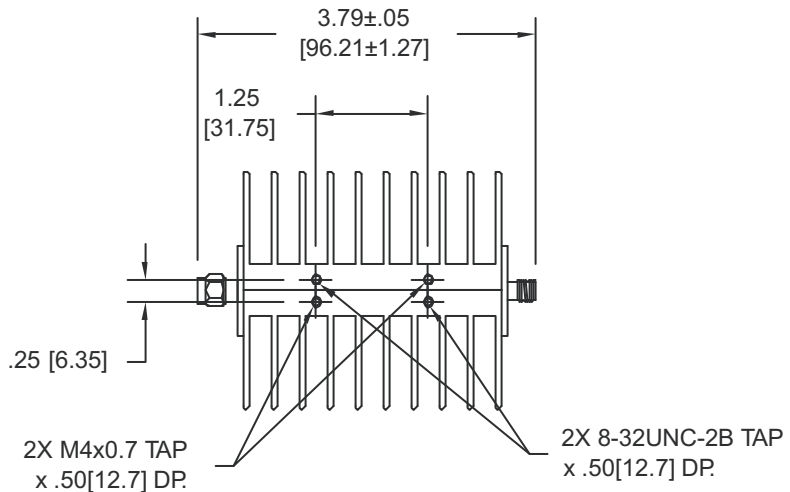
END VIEW
TYPICAL

Units must be Mounted in such a way as to Allow for Free Air Flow Around fins to Insure 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
6 = DC - 6 GHz
12 = DC - 12.4 GHz
18 = DC - 18 GHz

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

dB Value

Ordering Examples:

Model Number: **18B25W-20**
DC - 18 GHz; 20 dB; SMA - Male/Fem

Model Number: **6B25W-03F**
DC - 6 GHz; 3 dB; SMA - Fem/Fem

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.

XXB25W-ATT: REV K



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