

ATTENUATORS

7/16 - DIN, up to 3 GHz, 100 Watts

SPECIFICATIONS:

Models: XD100W-XX, XD100W-XXF & XD100W-XXM

RoHS
Compliant

Electrical:

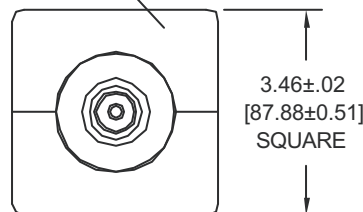
Frequency Range	DC - 6.0 GHz		
Standard Freq. Values	2.5 & 6 GHz		
Standard dB Values	3, 6, 10, 20, 30 & 40 dB		
Attenuation Accuracy	DC - 1.5 GHz	1.5 - 2.5 GHz	2.5 - 6 GHz
3 & 6 dB	±0.50 dB	±0.50 dB	±0.75 dB
10 dB	±0.75 dB	±0.75 dB	±2.50 dB
20 & 30 dB	±0.75 dB	±0.75 dB	±1.50 dB
40 dB	±1.50 dB	±1.50 dB	±2.50 dB
VSWR (Max.)	1.25:1	1.35:1	1.45:1
Input Power	100 Watts Avg. @ +25°C Derated Linearly to 20 Watts @ +125°C		
Output Power	20 Watts		
Peak Power	1 kW Max. (5µSec Pulse, .05% Duty Cycle)		
Impedance	50 Ohms		
Operating Temp Range	-55°C to +125°C		

Mechanical:

7/16 - DIN Connectors	Silver Plated Brass
Mates with DIN 47 223	
Conductors	Silver Plated Beryllium Copper
Housing	Anodized Aluminum

AEROFLEX
A passion for performance.

Custom Mtg. hole Config.
may be Added to this
Surface



END VIEW
TYPICAL

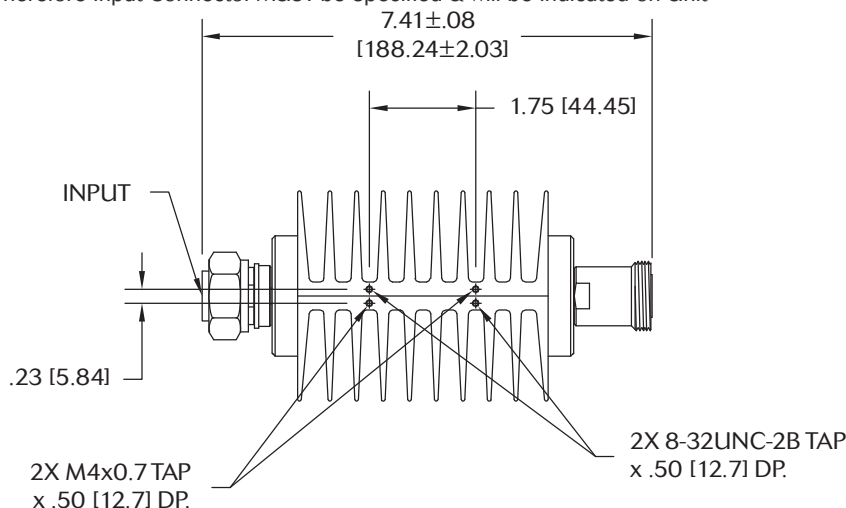
Units must be Mounted in such a way as to
Allow for Free Air Flow Around fins to Assure
Performance

Note: Units are Unidirectional, Therefore Input Connector MUST be Specified & will be Indicated on Unit

Model Number: **XD100W-XX**
Male/Female Connectors
Length: 7.41 ±.08 [188.2 ±2.0]
Pictured

Model Number: **XD100W-XXF**
Female/Female Connectors
Length: 7.55 ±.08 [191.8 ±2.0]

Model Number: **XD100W-XXM**
Male/Male Connectors
Length: 7.27 ±.08 [184.7 ±2.0]



HOW TO ORDER:

Model Number: **XD100W-XXY**

Freq. Range
2 = DC - 2.5 GHz
6 = DC - 6 GHz

dB Value

Connector Configuration
= Male/Female
(Male Input)
F = Fem/Fem
M = Male/Male
FM = Female/Male
(Female Input)

Ordering Examples:

Model Number: **2D100W-30**
DC - 2.5 GHz, 30 dB; 7/16 - DIN, Male/Fem

Model Number: **2D100W-03F**
DC - 2.5 GHz, 3 dB; 7/16 - DIN, Fem/Fem

Model Number: **6D100W-20FM**
DC - 6 GHz, 20 dB; 7/16 - DIN, Female/Male

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.

XD100W-ATT: REV L

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