

ATTENUATORS

7/16 - DIN

UP TO **4 GHz**
150 WATTS

api 
technologies corp.
> INMET

MODELS: XD150W-XX, XD150W-XXF & XD150W-XXM

SPECIFICATIONS:

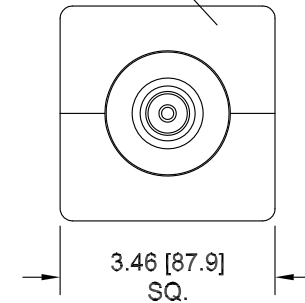
Electrical:

Frequency Range _____ DC - 4.0 GHz
Standard Freq. Values _____ 2.5 & 4 GHz
Standard dB Values* _____ 3, 6, 10, 20, 30 & 40 dB
Attenuation Accuracy DC - 1.5 GHz 1.5 - 2.5 GHz 2.5 - 3 GHz
3 & 6 dB _____ ± 0.50 dB _____ ± 1.0 dB _____ ± 1.5 dB
10 & 20 dB _____ ± 0.50 dB _____ ± 0.75 dB _____ ± 1.0 dB
30 & 40 dB _____ ± 0.75 dB _____ ± 1.0 dB _____ ± 1.5 dB
Input VSWR _____ 1.15:1 Max. _____ 1.30:1 Max. _____ 1.40:1 Max.
Input Power _____ 150 Watts Avg. @ +25°C
DERATED LINEARLY TO 30 WATTS @ +125°C
Peak Power _____ 2 kW Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp Range _____ -54°C to +125°C

Mechanical:

7/16 DIN Connectors _____ Silver or White Bronze
Mates with DIN 47 223 _____ Plated Brass
Conductors _____ Silver or White Bronze
Plated Beryllium Copper
Housing _____ Anodized Aluminum

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 as to Assure
Performance.

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

Model Number: **XD150W-XX**

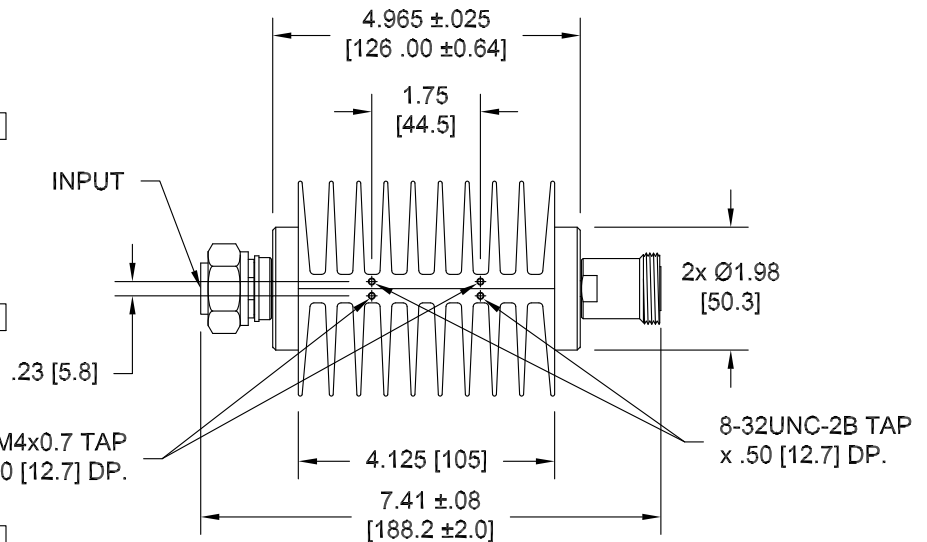
Male/Female Connectors
Length: 7.41 $\pm$.08 [188.2 $\pm$ 2.0]
Pictured

Model Number: **XD150W-XXF**

Female/Female Connectors
Length: 7.55 $\pm$.08 [191.8 $\pm$ 2.0]

Model Number: **XD150W-XXM**

Male/Male Connectors
Length: 7.27 $\pm$.08 [184.7 $\pm$ 2.0]



HOW TO ORDER:

Model Number: **XD150W-XXY**

Freq. Range $\left\{ \begin{array}{l} 2 = \text{DC} - 2.5 \text{ GHz} \\ 4 = \text{DC} - 4 \text{ GHz} \end{array} \right.$ Connector Config.
 $\left\{ \begin{array}{l} F = \text{Male/Female} \\ F = \text{Fem/Fem} \\ M = \text{Male/Male} \end{array} \right.$
dB Value _____

Ordering Examples:

Model Number: **4D150W-30**
DC - 4 GHz, 30 dB; Male/Fem

Model Number: **2D150W-3F**
DC - 2.5 GHz, 3 dB; Fem/Fem

Model Number: **2D150W-20M**
DC - 2.5 GHz, 20 dB; Male/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.

XD150W-ATT; REV J

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