

ATTENUATORS 7/16 - DIN

UP TO **7.5 GHz**
25 WATTS

api 
technologies corp.
> INMET

MODELS: XD25W-XX, XD25W-XXF & XD25W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 7.5 GHz
Standard Freq. Values _____ 2.5, 4 & 7.5 GHz
Standard dB Values* _____ 0, 3, 6, 10, 20, 30 & 40 dB

Attenuation Accuracy

3 - 6 dB _____ ± 0.5 dB
7 - 20 dB _____ ± 0.75 dB
21 - 30 dB _____ ± 1.0 dB
31 - 40 dB _____ ± 1.25 dB

VSWR

DC - 4 GHz _____ 1.25:1 Max.
4 - 7.5 GHz _____ 1.45:1 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

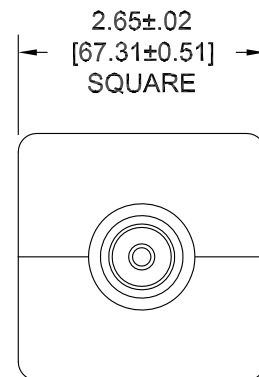
Operating Temp Range _____ -65°C to +125°C

Mechanical:

7/16 DIN Connectors _____ Silver or White Bronze
Mates with DIN 47 223 _____ Plated Brass

Conductors _____ Silver or White Bronze

Housing _____ Plated Beryllium Copper
Anodized Aluminum



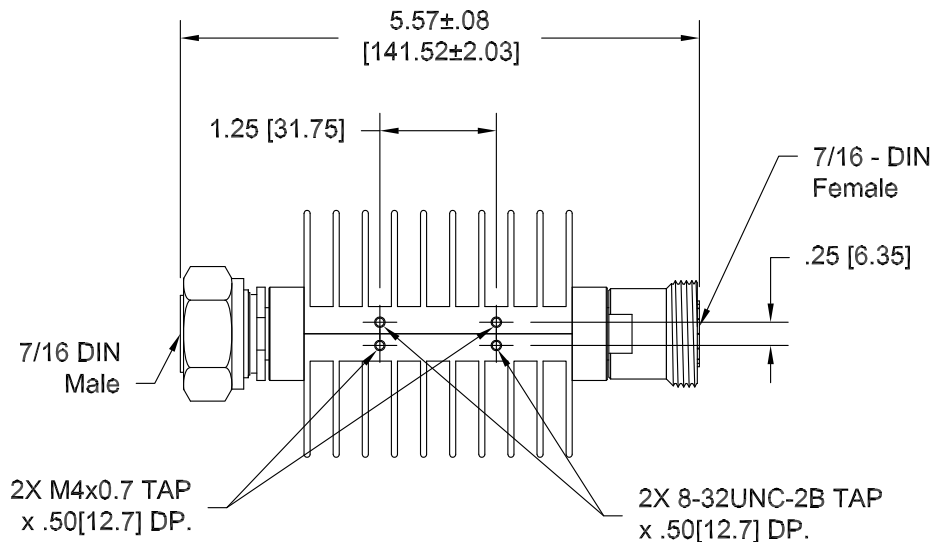
END VIEW
TYPICAL

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

Model Number: **XD25W-XX**
Male/Female Connectors
As Pictured

Model Number: **XD25W-XXF**
Female/Female Connectors
Length: 5.70±.08 [144.8 ±2.0]

Model Number: **XD25W-XXM**
Male/Male Connectors
Length: 5.44 ±.08 [138.2 ±2.0]



HOW TO ORDER:

Model Number: **XD25W-XXY**

Freq. Range
2 = DC - 2.5 GHz
4 = DC - 4 GHz
7 = DC - 7.5 GHz

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

dB Value

Ordering Examples:

Model Number: **7D25W-20**
DC - 7.5 GHz; 20 dB; 7/16 - DIN; Male/Fem

Model Number: **4D25W-3F**
DC - 4 GHz; 3 dB; 7/16 - DIN; Fem/Fem

Model Number: **2D25W-6M**
DC - 2.5 GHz; 6 dB; 7/16 - DIN; 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.