

ATTENUATORS 7/16 - DIN

UP TO **7.5 GHz**
5 WATTS

api 
technologies corp.
INMET

MODELS: XD5W-XX, XD5W-XXF & XD5W-XXM

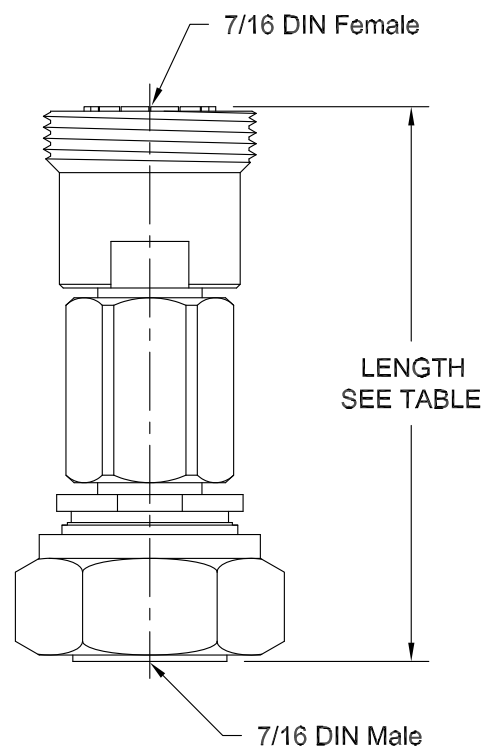
SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 7.5 GHz
Standard Freq. Values _____ 2.5, 4 & 7.5 GHz
Standard dB Values* _____ 0- 12, 15, 20, 30 & 40 dB
Attenuation Accuracy _____ In 1dB Increments
0 - 6 dB _____ ± 0.3 dB
7 - 20 dB _____ ± 0.5 dB
21 - 30 dB _____ ± 0.75 dB
40 dB _____ ± 1.5 dB
VSWR
DC - 4 GHz _____ 1.25:1 Max.
4 - 7.5 GHz _____ 1.45:1 Max.
Input Power _____ 5 Watts Avg @ +25°C
DERATED LINEARLY TO 1 WATT @ +125°C
Impedance _____ 50 Ohms
Operating Temp Range _____ -65°C to +125°C

Mechanical:

7/16 DIN Connectors _____ White Bronze Plated Brass
Mates with DIN 47 223
Conductors _____ White Bronze Plated
Beryllium Copper



Connector Configuration	Length	
	Inches	Millimeters
Male/Female	2.98 $\pm$.08	[75.7 $\pm$ 2.0]
Male/Male	2.85 $\pm$.08	[72.4 $\pm$ 2.0]
Female/Female	3.11 $\pm$.08	[79.0 $\pm$ 2.0]

HOW TO ORDER:

Model Number: **XD5W-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: **7D5W-20**
DC - 7.5 GHz, 20 dB; 7/16 DIN - Male/Fem

Model Number: **2D5W-06F**
DC - 2.5 GHz, 6 dB; 7/16 DIN - Fem/Fem

Model Number: **4D5W-03M**
DC - 4 GHz, 3 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.