

# ATTENUATORS

7/16 - DIN, up to 7.5 GHz, 5 Watts

## SPECIFICATIONS:

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

**RoHS**  
Compliant

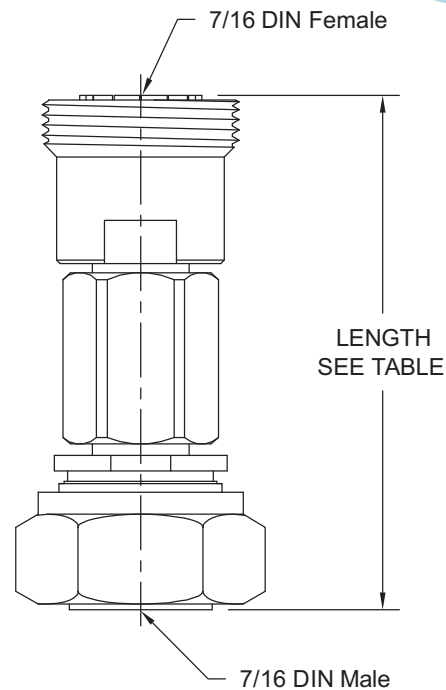
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A passion for performance.

### Electrical:

Frequency Range \_\_\_\_\_ DC - 75 GHz  
 Standard Freq. Values \_\_\_\_\_ 2.5, 4 & 75 GHz  
 Standard dB Values \* \_\_\_\_\_ 0- 12, 15, 20, 30 & 40 dB  
In 1 dB Increments  
 Attenuation Accuracy \_\_\_\_\_  
 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 \_\_\_\_\_ Silver or White Bronze Plated Brass  
Mates with DIN 47 223  
 Conductors \_\_\_\_\_ Silver or White Bronze Plated Beryllium Copper



Connector Configuration	Length	
	Inches	Millimeters
Male/Female	2.98 ±.08	[75.7 ±2.0]
Male/Male	2.85 ±.08	[72.4 ±2.0]
Female/Female	3.11 ±.08	[79.0 ±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.  
 \*Other dB values also available.

7D5W-ATT: REV L

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