

# ATTENUATORS

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

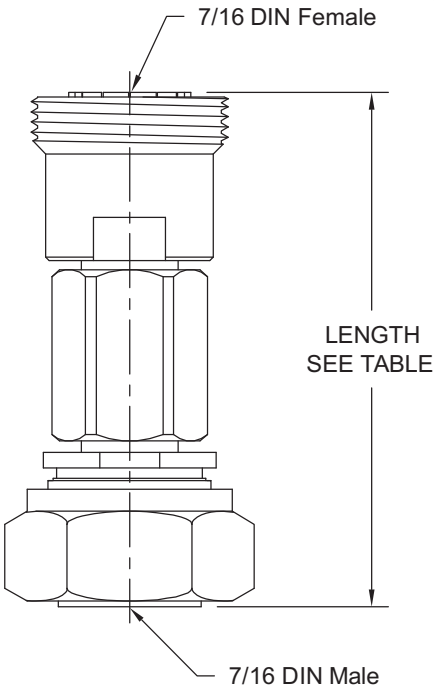


## SPECIFICATIONS:

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

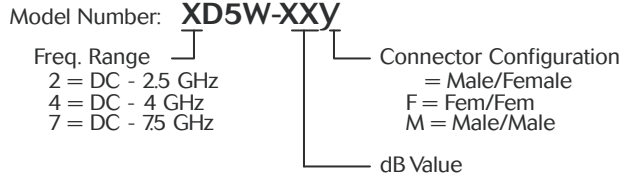
**RoHS**  
Compliant

<b>Electrical:</b>	
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
<b>Mechanical:</b>	
7/16 DIN Connectors _____	Silver Plated Brass Mates with DIN 47 223
Conductors _____	SilverPlated 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:



### 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 K

