

ATTENUATORS

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

SPECIFICATIONS:

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

RoHS
Compliant

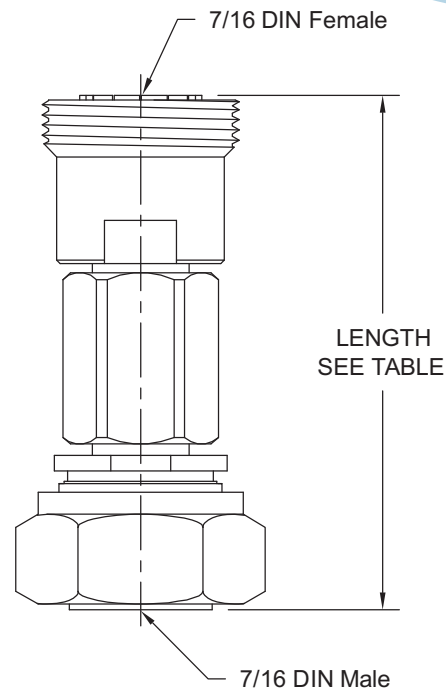
AEROFLEX
A passion for performance.

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

AEROFLEX
INMET

Aeroflex / Inmet, Inc. 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
 888-244-6638 or 734-426-5553 • FAX: 734-426-5557
www.aeroflex.com/inmet • inmet-sales@eroflex.com