

ATTENUATORS

7/16 - DIN

UP TO 7.5 GHz
10 WATTS

api 
technologies corp.
> INMET

MODELS: XD10W-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 7.5 GHz

Standard Freq. Values _____ 2.5, 4 & 7.5 GHz

Standard dB Values _____ 0 - 10, 12, 20, 30 & 40 dB
In 1 dB Increments

Attenuation Accuracy

0 thru 6 dB _____ ± 0.3 dB

7 thru 20 dB _____ ± 0.5 dB

21 thru 40 dB _____ ± 0.7 dB

VSWR:

DC - 4 GHz _____ 1.25:1 Max.

4 - 7.5 GHz _____ 1.45:1 Max.

Input Power _____ 10 Watts Avg. @ +25°C
DERATED LINEARLY TO 2 WATTS @ +125°C

Peak Power _____ 500 Watts Max.
(5uSec Pulse, .05% Duty Cycle)

Impedance _____ 50 Ohms

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

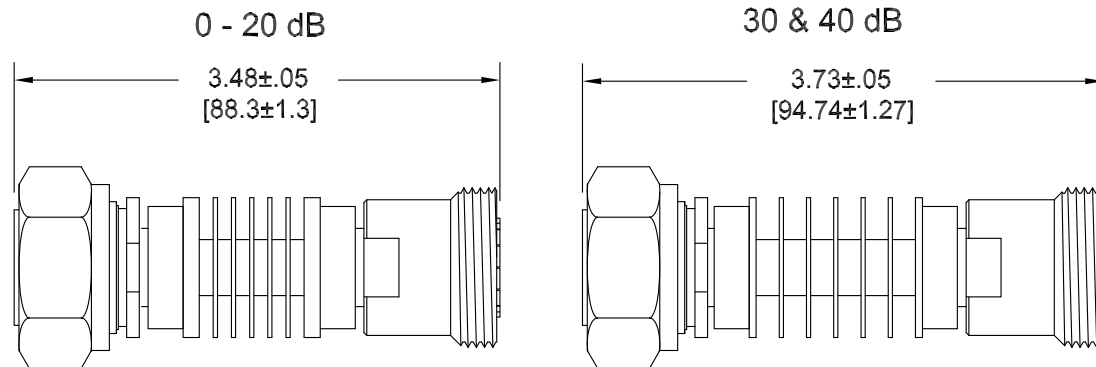
Mechanical:

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

Conductors _____ Silver or White Bronze
_____ Plated Beryllium Copper

Housing _____ Anodized Aluminum

Model Number: XD10W-XX



HOW TO ORDER:

Model Number: **XD10W-XX**

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

Ordering Examples:

Model Number: **2D10W-06**
DC - 2.5 GHz, 6 dB

Model Number: **7D10W-30**
DC - 7.5 GHz, 30 dB

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.

XD10W-ATT; REV L

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