

ATTENUATORS

7/16 - DIN

up to 4 GHz

300 Watts

inmet
CORPORATION
An MGE Company

MODELS: XD300W-XX, XD300W-XXF, XD300W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 4.0 GHz
Standard Freq. Values _____ 1.5, 2.5, & 4 GHz
Standard dB Values* _____ 3, 6, 10, 20, 30 & 40 dB
Attenuation Accuracy DC - 1.5 GHz 1.5 - 2.5 GHz 2.5 - 4 GHz
3 - 6 dB _____ ± 0.50 dB _____ ± 0.50 dB _____ ± 0.75 dB
10 - 40 dB _____ ± 0.75 dB _____ ± 1.0 dB _____ ± 1.5 dB
VSWR (Max.) _____ 1.15:1 _____ 1.25:1 _____ 1.35:1
Input Power _____ 300 Watts Avg. @ +25°C
Derated Linearly to 60 Watts @ +125°C
Peak Power _____ 5 kW Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp Range _____ -54°C to +125°C

Mechanical:

7/16 DIN Connectors _____ Silver Plated or White Bronze
IAW DIN 47 223 Alloy Finished Brass
Conductors _____ Silver or Gold Plated
Beryllium Copper or Brass
Housing _____ Anodized Aluminum

Units must be Positioned in such a way as to
Allow for Free Air Flow Around fins to Assure
Performance

Model Number: XD300W-XX

Male/Female Connectors

Length: $9.39 \pm .10$ [238.5 ± 2.5]

Pictured

Model Number: XD300W-XXF

Female/Female Connectors

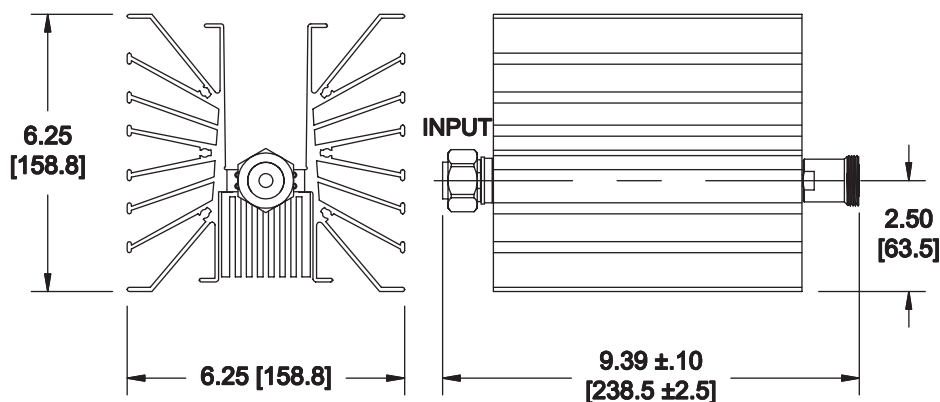
Length: $9.52 \pm .10$ [241.8 ± 2.5]

Model Number: XD300W-XXM

Male/Male Connectors

Length: $9.26 \pm .10$ [235.2 ± 2.5]

Note: Units are Unidirectional, Therefore Input Connector MUST be Specified
& will be Indicated on Unit



HOW TO ORDER:

Model Number: XD300W-XXY

Freq. Range

- 1 = DC - 1.5 GHz
- 2 = DC - 2.5 GHz
- 4 = DC - 4 GHz

Connector Configuration

= Male/Female
F = Fem/Fem
M = Male/Male

dB Value

Ordering Examples:

Model Number: 1D300W-6

DC - 1.5 GHz, 6 dB; 7/16 - Male/Fem

Model Number: 4D300W-40F

DC - 4 GHz, 40 dB; 7/16 - Fem/Fem

Model Number: 2D300W-30M

DC - 2.5 GHz, 30 dB; 7/16 - Male/Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

*Other dB values available

XD300W-ATT; REV B