

ATTENUATORS

7/16 - DIN, up to 4 GHz, 300 Watts

SPECIFICATIONS:

Models: XD300W-XX, XD300W-XXF, XD300W-XXM

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

Frequency Range _____ DC - 4.0 GHz
Standard Freq. Values _____ 2.5 & 4 GHz
Standard dB Values _____ 3, 6, 10, 20, 30 & 40 dB
Attenuation Accuracy DC -1.5GHz 1.5 - 2.5GHz 2.5 - 4GHz
3 & 6 dB _____ ± 0.50 dB _____ ± 0.50 dB _____ ± 0.75 dB
10, 20, 30 40 dB _____ ± 0.75 dB _____ ± 1.00 dB _____ ± 1.50 dB

Input VSWR (Max.)

3, 6, 10 & 20 dB _____ 1.15:1 _____ 1.25:1 _____ 1.35:1
30 & 40 dB _____ 1.15:1 _____ 1.25:1 _____ 1.50:1

Input Power _____ 300 Watts Avg. @ +25°C
Derated Linearly to 60 Watts @ +125°C

Peak Power _____ 2 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 Brass
Mates with DIN 47 223

Conductors _____ Silver Plated Beryllium Copper

Housing _____ Anodized Aluminum

Note: Units are unidirectional. Units must be positioned in such a way as to allow free air flow around fins to assure performance.

Model Number: **XD300W-XX**

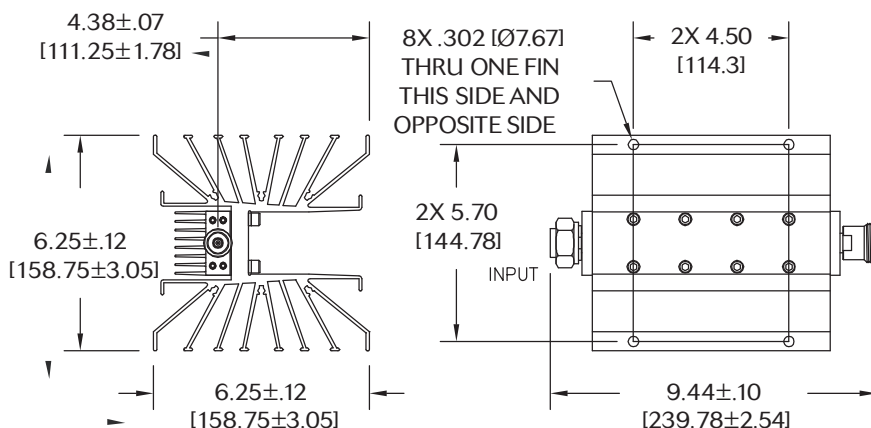
Male/Female Connectors
Length: 9.44 $\pm$.10 [239.78 $\pm$ 2.54]
Pictured

Model Number: **XD300W-XXF**

Female/Female Connectors
Length: 9.57 $\pm$.10 [243.08 $\pm$ 2.54]

Model Number: **XD300W-XXM**

Male/Male Connectors
Length: 9.31 $\pm$.10 [236.47 $\pm$ 2.54]



HOW TO ORDER:

Model Number: **XD300W-XXY**

Freq. Range _____
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: **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.
Design, specifications are subject to change without notice. Contact factory for technical specifications before purchasing and/or use.

XD300W-ATT: REV J

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