

ATTENUATORS

TYPE N

up to 4 GHz

300 Watts

inmet
CORPORATION
An MCE Company

MODELS: XN300W-XX, XN300W-XXF, XN300W-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.
(5 μ Sec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp Range _____ -54°C to +125°C

Mechanical:

Type N Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper
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: **XN300W-XX**

Male/Female Connectors

Length: $8.40 \pm .10$ [213.4 ± 2.5]

Pictured

Model Number: **XN300W-XXF**

Female/Female Connectors

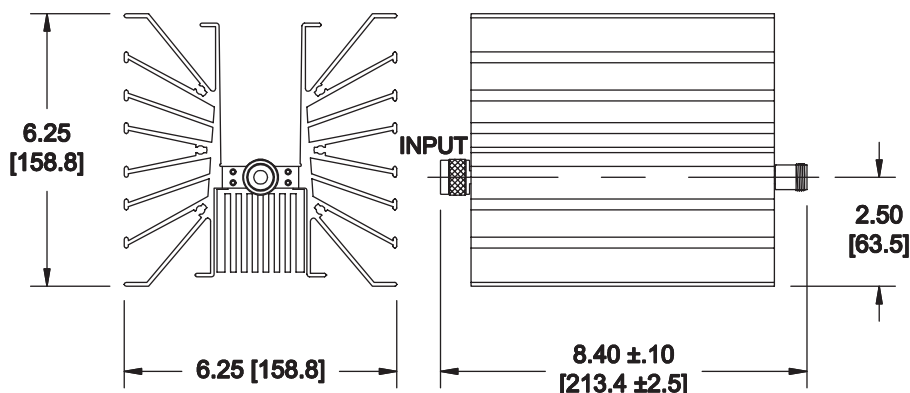
Length: $8.48 \pm .10$ [215.4 ± 2.5]

Model Number: **XN300W-XXM**

Male/Male Connectors

Length: $8.31 \pm .10$ [211.1 ± 2.5]

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



HOW TO ORDER:

Model Number: **XN300W-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: **1N300W-6**
DC - 1.5 GHz, 6 dB; Type N - Male/Fem

Model Number: **4N300W-40F**
DC - 4 GHz, 40 dB; Type N - Fem/Fem

Model Number: **2N300W-30M**
DC - 2.5 GHz, 30 dB; Type N - Male/Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Other dB values available

XN300W-ATT; REV C