

ATTENUATORS

TYPE N

up to 4 GHz

300 Watts



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 uSec 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

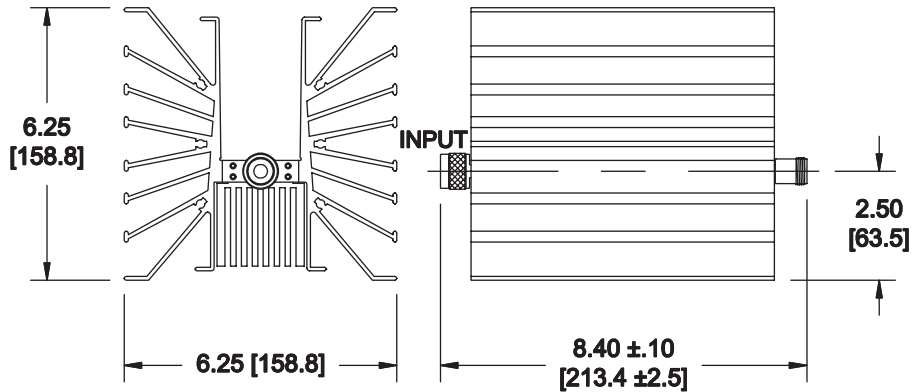
Units must be Positioned in such a way as to Allow for Free Air Flow Around fins to Assure Performance

Model Number: **XN300W-XX**
 Male/Female Connectors
 Length: 8.40 ±.10 [213.4 ±2.5]
 Pictured

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

Model Number: **XN300W-XXF**
 Female/Female Connectors
 Length: 8.48 ±.10 [215.4 ±2.5]

Model Number: **XN300W-XXM**
 Male/Male Connectors
 Length: 8.31 ±.10 [211.1 ±2.5]



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