

ATTENUATORS

TYPE N

up to 4 GHz

150 Watts



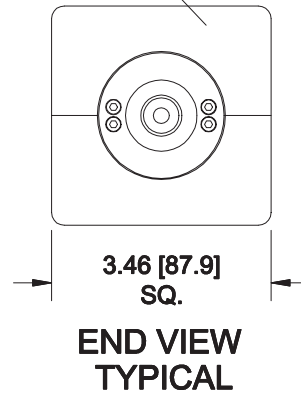
MODELS: XN150W-XX, XN150W-XXF & XN150W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range	DC - 4.0 GHz		
Standard Freq. Values	1.5, 3 & 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	±0.5 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	150 Watts Avg. @ +25°C		
	DERATED LINEARLY TO 30 WATTS @ +125°C		
Peak Power	5 kW Max.		
	(5µSec Pulse, .05% Duty Cycle)		
Impedance	50 Ohms		
Operating Temp Range	-54°C to +125°C		

Custom Mtg. hole Config.
may be Added to this
Surface



Mechanical:

Type N Connectors	Passivated Stainless Steel
Notes with MIL-STD-348	
Conductors	Gold Plated Beryllium Copper
Housing	Anodized Aluminum

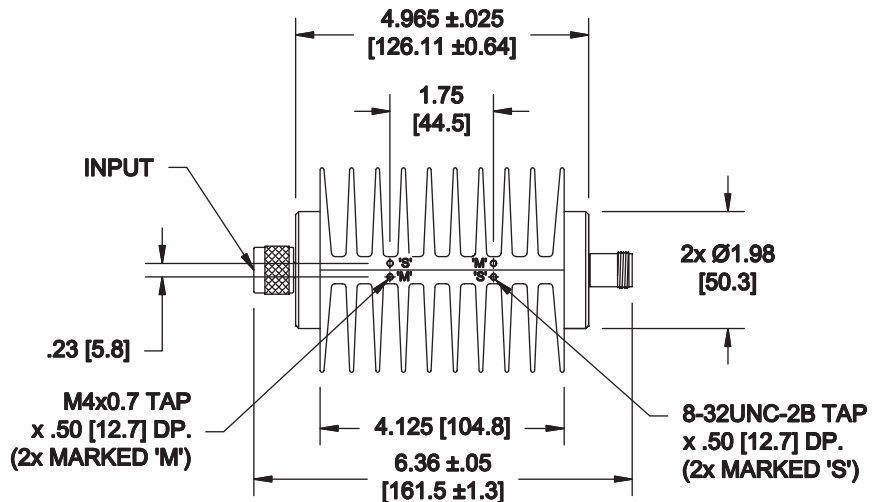
Units must be Mounted in such a way as to
Allow for Free Air Flow Around fins to Assure
Performance

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

Model Number: **XN150W-XX**
Male/Female Connectors
Length: 6.36 ±0.05 [161.5 ±1.3]
Pictured

Model Number: **XN150W-XXF**
Female/Female Connectors
Length: 6.45 ±0.05 [163.8 ±1.3]

Model Number: **XN150W-XXM**
Male/Male Connectors
Length: 6.28 ±0.05 [159.5 ±1.3]



HOW TO ORDER:

Model Number: **XN150W-XXY**

Freq. Range
1 = DC - 1.5 GHz
3 = DC - 3 GHz
4 = DC - 4 GHz

Connector Configuration
= Male/Female
F = Fem/Fem
M = Male/Male
dB Value

Ordering Examples:

Model Number: **1N150W-10**
DC - 1.5 GHz, 10 dB; Type N - Male/Fem

Model Number: **3N150W-3F**
DC - 3 GHz, 3 dB; Type N - Fem/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
*Other dB values are also available. Units that operate over a more specific frequency band and/or offer very low return loss (VSWR) are also available.

XN150W-ATT; REV B