

ATTENUATORS

Type N, up to 4 GHz, 150 Watts

SPECIFICATIONS:

Models: XN150W-XX, XN150W-XXF, XN150W-XXM

RoHS
Compliant

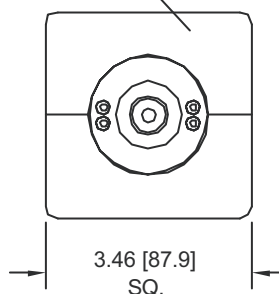
Electrical:

Frequency Range	_____	DC - 4.0 GHz
Standard Freq. Values	_____	2.5 & 4 GHz
Standard dB Value	_____	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	±1.0 dB ±1.5 dB
10 & 20 dB	±0.50 dB	±.75 dB ±1.0 dB
30 & 40 dB	±0.75 dB	±1.0 dB ±1.5 dB
Input 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	_____	2 kW Max.
		(5uSec 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

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



END VIEW
TYPICAL

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-30**

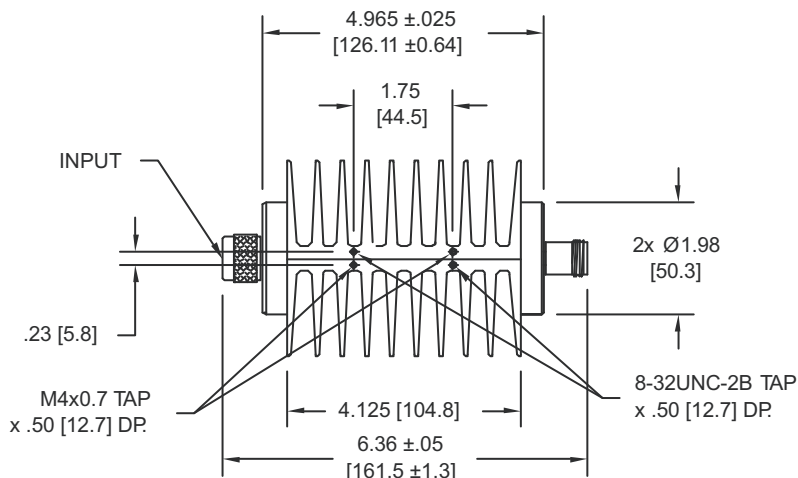
Male/Female Connectors
Length: 6.36 ±.05 [161.5 ±1.3]
Pictured

Model Number: **XN150W-30F**

Female/Female Connectors
Length: 6.45 ±.05 [163.8 ±1.3]

Model Number: **XN150W-30M**

Male/Male Connectors
Length: 6.28 ±.05 [159.5 ±1.3]



HOW TO ORDER:

Model Number: **XN150W-30Y**

Freq. Range
2 = DC - 2.5 GHz
4 = DC - 4 GHz

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

Ordering Examples:

Model Number: **4N150W-30**
DC - 4 GHz, 30 dB; Type N - Male/Fem

Model Number: **2N150W-30F**
DC - 2.5 GHz, 30 dB; Type N - Fem/Fem

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.

XN150W-ATT: REV F



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