

ATTENUATORS TYPE N

UP TO **4 GHz**
150 WATTS

api 
technologies corp.
> INMET

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

SPECIFICATIONS:

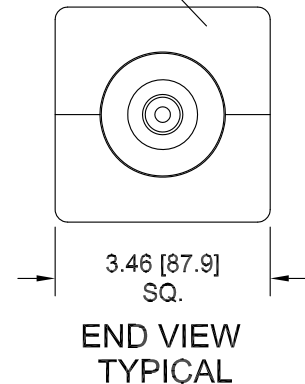
Electrical:

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



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

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

Model Number: **XN150W-30**

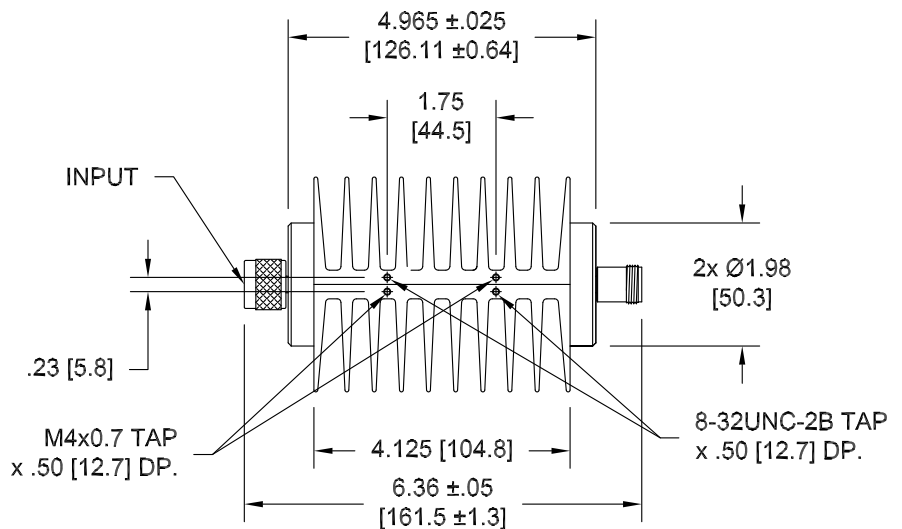
Male/Female Connectors
Length: 6.36 ±.05 [161.5 ±1.3]
Pictured

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 _____ Connector Config.
2 = DC – 2.5 GHz _____ = Male/Female
4 = DC – 4 GHz _____ 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 or use.