

ATTENUATORS

Type N, up to 4 GHz, 150 Watts

SPECIFICATIONS:

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

RoHS
Compliant

AEROFLEX
A passion for performance.

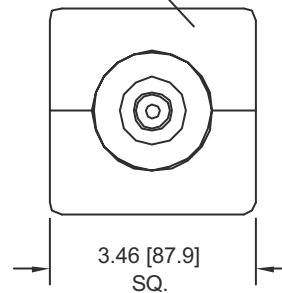
Electrical:

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 _____ ± 0.75 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**

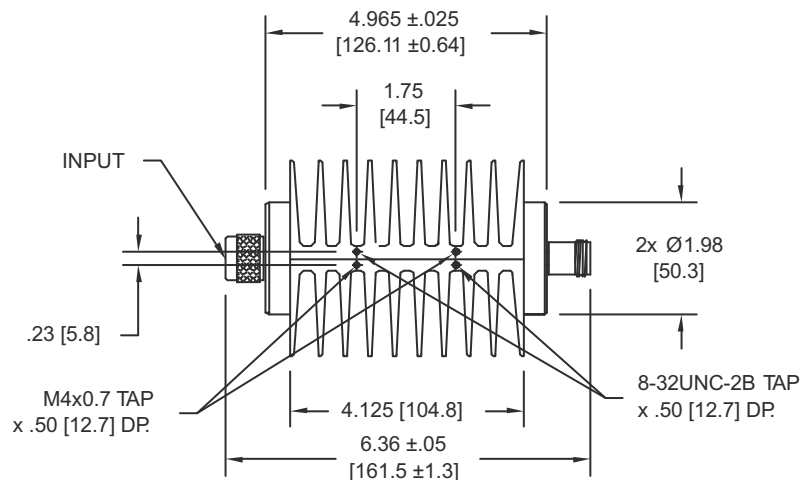
Male/Female Connectors
Length: $6.36 \pm .05$ [161.5 $\pm$ 1.3]
Pictured

Model Number: **XN150W-30F**

Female/Female Connectors
Length: $6.45 \pm .05$ [163.8 $\pm$ 1.3]

Model Number: **XN150W-30M**

Male/Male Connectors
Length: $6.28 \pm .05$ [159.5 $\pm$ 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 G

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INMET

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