

ATTENUATORS TYPE N

**UP TO 18 GHz
25 WATTS**



MODELS: XXN25W-XX, XXN25W-XXF & XXN25W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 18.0 GHz
 Standard Freq. Values _____ 2.5, 6, 12.4 & 18 GHz
 Standard dB Values _____ 0, 3, 6, 10, 20, 30 & 40 dB
 Attenuation Accuracy DC – 6 GHz 6 – 12.4 GHz 12.4 – 18 GHz
 3 – 6 dB _____ ± 0.30 dB _____ ± 0.50 dB _____ ± 0.75 dB
 7 – 20 dB _____ ± 0.50 dB _____ ± 0.75 dB _____ ± 1.00 dB
 21 – 30 dB _____ ± 0.75 dB _____ ± 1.00 dB _____ ± 1.25 dB
 31 – 40 dB _____ ± 1.00 dB _____ ± 1.25 dB _____ ± 1.50 dB

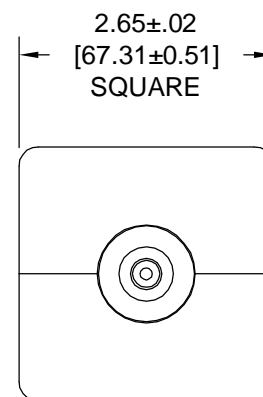
VSWR

DC – 6 GHz _____ 1.20:1 Max.
 6 – 12.4 GHz _____ 1.30:1 Max.
 12.4 – 18 GHz _____ 1.40:1 Max.

Input Power _____ 25 Watts Avg. @ 25°C
 DERATED LINEARLY TO 5 WATTS @ +125°C

Peak Power _____ 500 Watts Max.
 (5uSec Pulse, .05% Duty Cycle)

Impedance _____ 50 Ohms
 Operating Temp Range _____ -65°C to +125°C



**END VIEW
TYPICAL**

Mechanical:

Type N Connectors _____ Passivated Stainless Steel
 Mates 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
 as to Assure Performance.

Model Number: **XXN25W-XX**

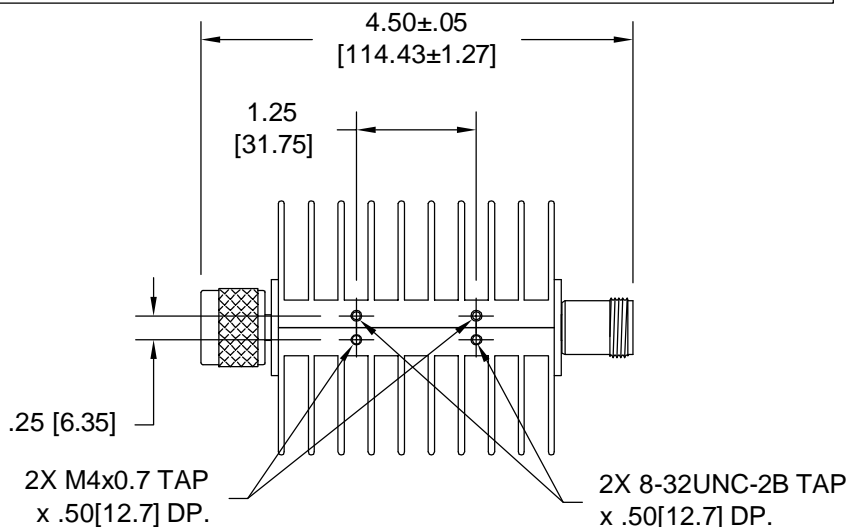
Male/Female Connectors
 Length: 4.50 \pm .05 [114.3 \pm 1.3]
 Pictured

Model Number: **XXN25W-XXF**

Female/Female Connectors
 Length: 4.58 \pm .05 [116.3 \pm 1.3]

Model Number: **XXN25W-XXM**

Male/Male Connectors
 Length: 4.41 \pm .05 [112.0 \pm 1.3]



HOW TO ORDER:

Model Number: **XXN25W-XXY**

Freq. Range 2 = DC – 2.5 GHz 6 = DC – 6 GHz 12 = DC – 12.4 GHz 18 = DC – 18 GHz	dB Value Connector Config. F = Male/Female F = Fem/Fem M = Male/Male
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Ordering Examples:

Model Number: **18N25W-20**
 DC – 18 GHz; 20 dB; Male/Fem

Model Number: **6N25W-03F**
 DC – 6 GHz; 3 dB; 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.

XXN25W-ATT; REV N

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