

ATTENUATORS TYPE N

UP TO 4 GHz
200 WATTS

api
technologies corp.
> INMET

MODELS: XN200W-XX, XN200W-XXF XN200W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 4 GHz
Standard Freq. Values _____ 2.5 & 4 GHz
Standard dB Values _____ 3, 6, 10, 20, 30 & 40 dB
Attenuation Accuracy _____ DC-1.5 GHz 1.5-2.5GHz 2.5-4GHz
3 & 6 dB _____ ± 0.50 dB _____ ± 0.50 dB _____ ± 0.75 dB
10, 20, 30 & 40 dB _____ ± 0.75 dB _____ ± 1.0 dB _____ ± 1.5 dB
Input VSWR (Max.) _____
3, 6, 10 & 20 dB _____ 1.15:1 _____ 1.25:1 _____ 1.35:1
30 & 40 dB _____ 1.15:1 _____ 1.25:1 _____ 1.50:1
Input Power _____ 200 Watts Avg. @ +25°C
Derated Linearly to 40 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

Note: Units are unidirectional. Units must be positioned in such a way as to allow free air flow around fins to assure performance.

Model Number: **XN200W-XX**

Male/Female Connectors

Length: $8.35 \pm .10$ [212.09 ± 2.54]

Pictured

Model Number: **XN200W-XXF**

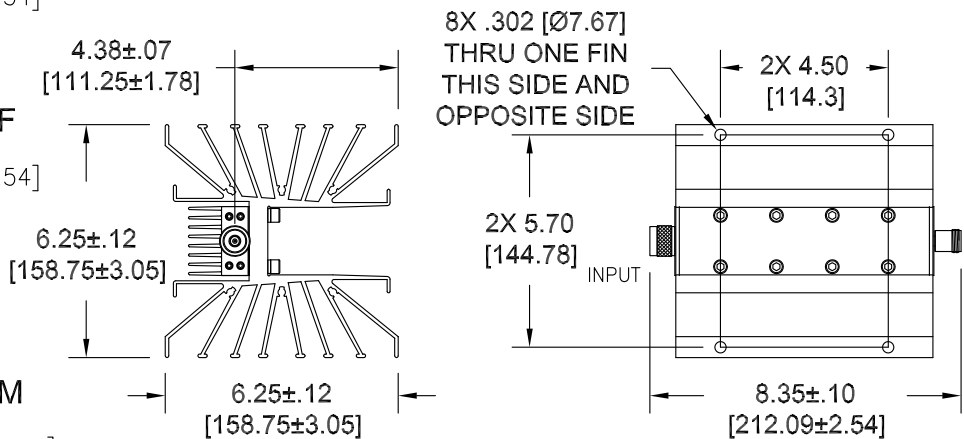
Female/Female Connectors

Length: $8.44 \pm .10$ [214.38 ± 2.54]

Model Number: **XN200W-XXM**

Male/Male Connectors

Length: $8.28 \pm .10$ [210.31 ± 2.54]



HOW TO ORDER:

Model Number: **XN200W-XXY**

Freq. Range

2 = DC – 2.5 GHz
4 = DC – 4 GHz

Connector Config.
= Male/Female
F = Fem/Fem
M = Male/Male

dB Value

Ordering Examples:

Model Number: **2N200W-10**

DC – 2.5 GHz, 10 dB; Type N – Male/Fem

Model Number: **2N200W-40F**

DC – 2.5 GHz, 40 dB; Type N – Fem/Fem

Model Number: **4N200W-30M**

DC – 4 GHz, 30 dB; Type N – Male/Male

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.

XN200W-ATT; REV H

300 Dino Drive • Ann Arbor, MI 48103-9457 U.S.A. • 888-244-6638 or 734-426-5553 • FAX 734-426-5557 • inmet.apitech.com