

ATTENUATORS TYPE N

UP TO 18 GHz
20 WATTS



MODELS: XXN20W-XX, XXN20W-XXF & XXN20W-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
 10 & 20 dB _____ ±0.50 dB _____ ±0.75 dB _____ ±1.00 dB
 30 & 40 dB _____ ±0.75 dB _____ ±1.00 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 _____ 20 Watts Avg. @ 25°C
 DERATED LINEARLY TO 4 WATTS @ +125°C
 Peak Power _____ 500 Watts Max.
 (5uSec Pulse, .05% Duty Cycle)
 Impedance _____ 50 Ohms
 Operating Temp Range _____ -65°C to +125°C

Mechanical:

Type N Connectors _____ Passivated Stainless Steel
 Mates with MIL-STD-348
 Conductors _____ Gold Plated Beryllium Copper
 Housing _____ Anodized Aluminum

Model Number: **XXN20W-XX**

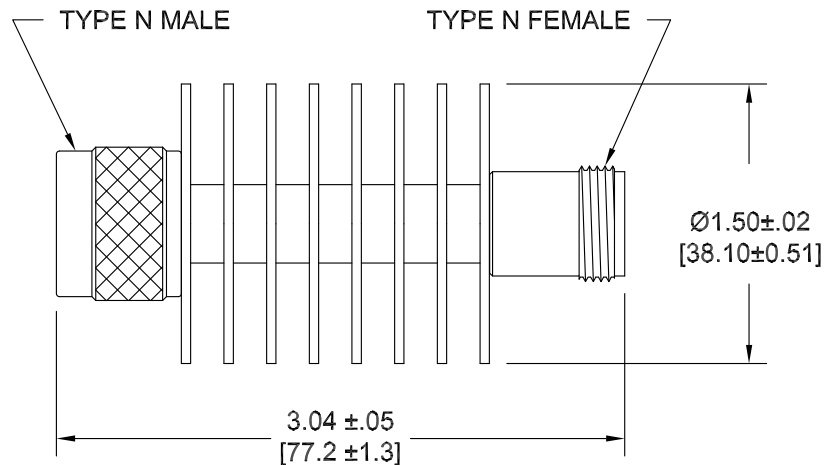
Male/Female Connectors
 Length: 3.04 ±.05 [77.2 ±1.3]
 Pictured

Model Number: **XXN20W-XXF**

Female/Female Connectors
 Length: 3.12 ±.05 [79.3 ±1.3]

Model Number: **XXN20W-XXM**

Male/Male Connectors
 Length: 2.95 ±.05 [74.9 ±1.3]



HOW TO ORDER:

Model Number: **XXN20W-XXY**
 Freq. Range _____ dB Value
 2 = DC - 2.5 GHz
 6 = DC - 6 GHz
 12 = DC - 12.4 GHz
 18 = DC - 18 GHz
 Connector Config.
 F = Fem/Fem
 M = Male/Male

Ordering Examples:

Model Number: **18N20W-20**
 DC - 18 GHz; 20 dB; Male/Fem
 Model Number: **6N20W-02F**
 DC - 6 GHz; 2 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.

XXN20W-XX; REV F

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