ATTENUATORS

Type N, up to 18 GHz, 20 Watts

SPECIFICATIONS:

RoHS Compliant

Models: XXN20W-XX, XXN20W-XXF & XXN20W-XXM

Electrical:

Frequency Range	DC - 18.0 GHz
Standard Freq. Values	6, & 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

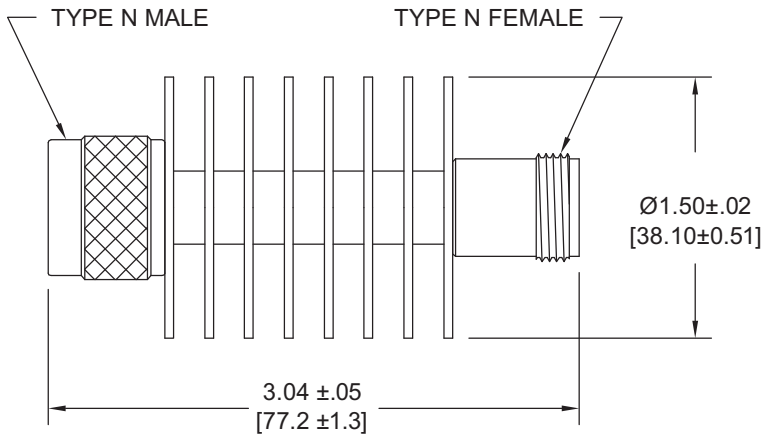
Mechanical:

Type N Connectors Mates with MIL-STD-348	Passivated Stainless Steel
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-XXV

- Freq. Range
  - 6 = DC - 6 GHz
  - 18 = DC - 18 GHz
- Connector Configuration
  - = Male/Female
  - F = Fem/Fem
  - M = Male/Male
- dB Value

Ordering Examples:

Model Number: **18N20W-20**
DC - 18 GHz; 20 dB; Type N - Male/Fem

Model Number: **6N20W-02F**
DC - 6 GHz; 2 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.

XXN20W-XX: REV F (M)

Aeroflex / Inmet, Inc. • 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
888-244-6638 or 734-426-5553 • FAX: 734-426-5557
www.aeroflex/inmet.com • inmetsales@aeroflex.com