

ATTENUATORS TYPE N

UP TO 18 GHz
10 WATTS



MODELS: XXN10W-XX, XXN10W-XXF & XXN10W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 18 GHz
 Standard Freq. Values _____ 2.5, 6, 12.4 & 18 GHz
 Standard dB Values _____ 0 - 10, 12, 20, 30 & 40 dB
In 1dB Increments

Attenuation Accuracy DC - 12.4 GHz 12.4 - 18 GHz
 0 - 6 dB _____ ±0.3 dB _____ ±0.5 dB
 7 - 20 dB _____ ±0.5 dB _____ ±0.7 dB
 21 - 40 dB _____ ±0.7 dB _____ ±1.0 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 _____ 10 Watts Avg. @ 25°C
DERATED LINEARLY TO 2 WATTS @ +125°C

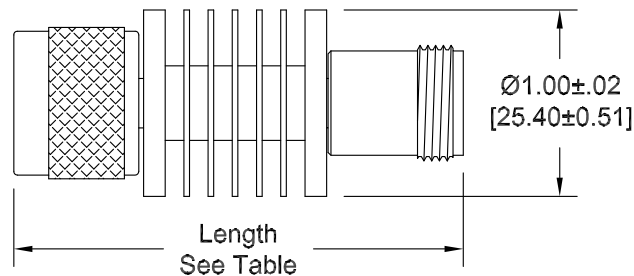
Peak Power _____ 500 Watts Max.
(5uSec Pulse, .05% Duty Cycle)

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

Connector Configuration	LENGTH			
	0 - 20 dB		30 & 40 dB	
	Inches	Millimeters	Inches	Millimeters
Male/Female	2.41 ±.05	[61.2 ±1.3]	2.66 ±.05	[67.6 ±1.3]
Male/Male	2.34 ±.05	[59.4 ±1.3]	2.58 ±.05	[65.5 ±1.3]
Female/Female	2.49 ±.05	[63.2 ±1.3]	2.74 ±.05	[69.6 ±1.3]



HOW TO ORDER:

Model Number: **XXN10W-XXY**

Freq. Range

- 2 = DC - 2.5 GHz
- 6 = DC - 6 GHz
- 12 = DC - 12.4 GHz
- 18 = DC - 18 GHz

Connector Config.

- = Male/Female
- F = Fem/Fem
- M = Male/Male

dB Value

Ordering Examples:

Model Number: **18N10W-20**
 DC - 18 GHz; 20 dB; Male/Fem

Model Number: **6N10W-06F**
 DC - 6 GHz; 6 dB; Fem/Fem

Model Number: **12N10W-03M**
 DC - 12.4 GHz; 3 dB; 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.

XXN10W-ATT; REV N