

ATTENUATORS TYPE N

UP TO **18 GHz**
5 WATTS



MODELS: 18N5W-XX, 18N5W-XXF & 18N5W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 18 GHz
 Standard Freq. Values _____ 2.5, 4, 6, 12.4 & 18 GHz
 Standard dB Values* _____ 0 – 10, 12, 15, 20, 30 & 40 dB
 Attenuation Accuracy _____ In 1dB Increments
 0 – 6 dB _____ ±0.3 dB
 7 – 20 dB _____ ±0.5 dB
 21 – 30 dB _____ ±0.75 dB
 40 dB _____ ±1.5 dB

VSWR

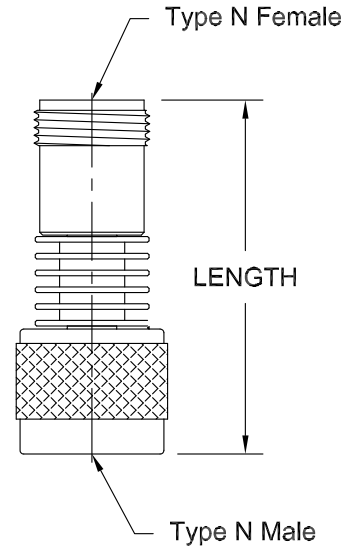
DC – 4 GHz _____ 1.15:1 Max.
 4 – 8 GHz _____ 1.20:1 Max.
 8 – 12.4 GHz _____ 1.25:1 Max.
 12.4 – 18 GHz _____ 1.35:1 Max.

Input Power _____ 5 Watts Avg. @ 25°C
DERATED LINEARLY TO 1 WATT @ +125°C

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 – 30 & 40 dB	
	Inches	Millimeters
Male/Female	1.90 ±.05	[48.3 ±1.3]
Male/Male	1.82 ±.05	[46.2 ±1.3]
Female/Female	1.99 ±.05	[50.5 ±1.3]

HOW TO ORDER:

Model Number: **XXN5W-XXY**

└─ dB Value
└─ Freq. Range
 2 = DC – 2.5 GHz
 4 = DC – 4 GHz
 6 = DC – 6 GHz
 12 = DC – 12.4 GHz
 18 = DC – 18 GHz

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

Ordering Examples:

Model Number: **4N5W-20**
 DC – 4 GHz, 20 dB; Male/Fem

Model Number: **18N5W-06F**
 DC – 18 GHz, 6 dB; Fem/Fem

Model Number: **12N5W-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.