

ATTENUATORS

Type N, up to 18 GHz, 5 Watts

SPECIFICATIONS:

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

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

Frequency Range _____ DC - 18 GHz
Standard Freq. Values _____ 6 & 18 GHz
Standard dB Values* _____ 0 - 10, 12, 15, 20, 30 & 40 dB
Attenuation Accuracy _____ In 1 dB 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

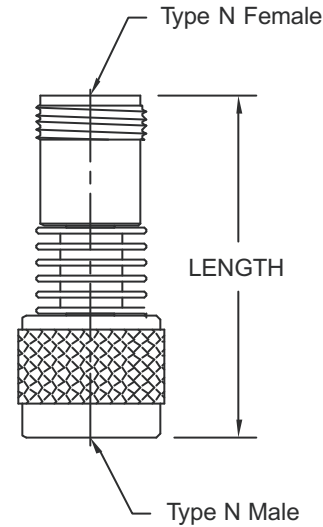
DC - 4 GHz _____ 1.15:1 Max.
4 - 8 GHz _____ 1.20:1 Max.
8 - 12.4 GHz _____ 1.25:1 Max.
12.4 - 18 GHz _____ 1.35:1 Max.

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 MILSTD-348
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Anodized Aluminum



Connector Configuration	LENGTH	
	0 - 30 & 40 dB	
	Inches	Millimeters
Male/Female	1.90 $\pm$.05	[48.3 $\pm$ 1.3]
Male/Male	1.82 $\pm$.05	[46.2 $\pm$ 1.3]
Female/Female	1.99 $\pm$.05	[50.5 $\pm$ 1.3]

HOW TO ORDER:

Model Number: **XXN5W-XXY**

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: **18N5W-06F**
DC - 18 GHz, 6 dB; Type N - Fem/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

*Other dB values, units that operated over a more specific frequency band and/or offer very low return loss (VSWR) are also available.

XXN5W-ATT: REV M (M)

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