

ATTENUATORS

TNC, up to 18 GHz, 10 Watts

SPECIFICATIONS:

Models: XXT10W-XX, XXT10W-XXF & XXT10W-XXM

RoHS
Compliant

AEROFLEX
A passion for performance.

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:

**TNC Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper

Housing _____ Anodized Aluminum

**TNC Connectors are Mode-Free up to 18 GHz

Model Number: **XXT10W-XX**

Male/Female Connectors

0-20 Length: 2.58 ±.05 [65.5 ±1.3]

30&40 Length: 2.82 ±.05 [71.6 ±1.3]

Pictured

Model Number: **XXT10W-XXF**

Female/Female Connectors

0-20 Length: 2.67 ±.05 [67.8 ±1.3]

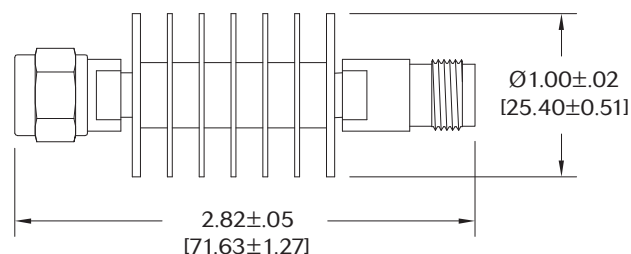
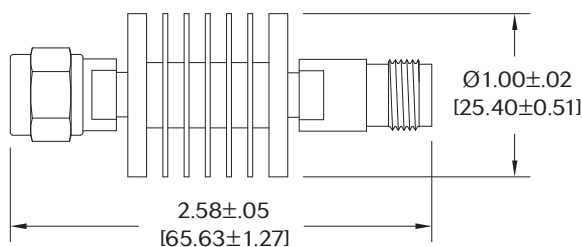
30&40 Length: 2.92 ±.05 [74.2 ±1.3]

Model Number: **XXT10W-XXM**

Male/Male Connectors

0-20 Length: 2.48 ±.05 [63.0 ±1.3]

30&40 Length: 2.72 ±.05 [69.1 ±1.3]



HOW TO ORDER:

Model Number: **XXT10W-XXY**

Freq. Range

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

Connector Configuration

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

dB Value

Ordering Examples:

Model Number: **18T10W-20**
 DC - 18 GHz; 20 dB; TNC - Male/Fem

Model Number: **6T10W-06F**
 DC - 6 GHz; 6 dB; TNC - Fem/Fem

Model Number: **12T10W-03M**
 DC - 12.4 GHz; 3 dB; TNC - 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.

XXT10W-ATT: REV N



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