

ATTENUATORS

TNC, up to 18 GHz, 10 Watts

SPECIFICATIONS:

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

RoHS
Compliant

Electrical:			
Frequency Range _____	DC - 18 GHz		
Standard Freq. Values _____	6, & 18 GHz		
Standard dB Values* _____	0 - 10, 12, 20, 30 & 40 dB In 1 dB 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-34B		
Conductors _____	Gold Plated Beryllium Copper		
Housing _____	Anodized Aluminum		
**TNC Connectors are Mode-Free up to 18 GHz			

Model Number: **XXT10W-XX**

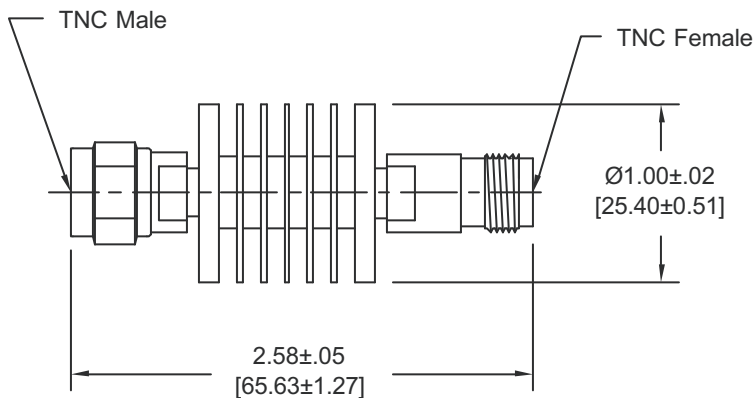
Male/Female Connectors
Length: 2.58 ±.05 [65.5 ±1.3]
Pictured

Model Number: **XXT10W-XXF**

Female/Female Connectors
Length: 2.67 ±.05 [67.8 ±1.3]

Model Number: **XXT10W-XXM**

Male/Male Connectors
Length: 2.48 ±.05 [63.0 ±1.3]



HOW TO ORDER:

Model Number: **XXT10W-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: **18T10W-20**
DC - 18 GHz; 20 dB; TNC - Male/Fem

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

Model Number: **2T10W-03M**
DC - 12.4 GHz; 3 dB; TNC - Male/Male

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

XXT10W-ATT: REV M (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.com/inmet • inmet-sales@eroflex.com