ATTENUATORS

TNC, up to 18 GHz, 2 Watts

SPECIFICATIONS:

Models: T

RoHS Compliant

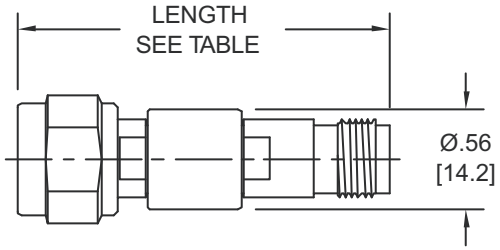
Electrical:

Frequency Range	DC - 18 GHz
Standard Freq. Values	12.4 & 18 GHz
Standard dB Values*	0 - 10, 12, 15, 20, 30, 40, 50 & 60 dB In 1 dB Increments
Attenuation Accuracy	
0 - 6 dB	±0.3 dB
7 - 20 dB	±0.5 dB
21 - 30 dB	±0.75 dB
31 - 60 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	2 Watts Avg. @ 25°C Derated Linearly to 0.5 Watts @ +125°C
Peak Power	250 Watts Max. (5uSec Pulse, .05% Duty Cycle)
Impedance	50 Ohms
Operating Temp Range	-65°C to +125°C

Mechanical:

**TNC Connectors Mates with MIL-STD-348	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper

** 18 GHz Mode Free



Base Model Number	Connector Configuration	LENGTH			
		0 - 30 & 40 dB		31 - 60 dB (Except 40dB)	
		Inches	Millimeters	Inches	Millimeters
XXT-YY	Male/Female	2.07 ±.05	[52.5 ±1.3]	2.35 ±.05	[59.7 ±1.3]
XXT-YYM	Male/Male	1.97 ±.06	[50.0 ±1.5]	2.26 ±.06	[57.4 ±1.5]
XXT-YYF	Female/Female	2.16 ±.05	[54.9 ±1.3]	2.45 ±.05	[62.2 ±1.3]

HOW TO ORDER:

Model Number: **XXT-XXY**

- Freq. Range
  - 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: **18T-20**
DC - 18 GHz; 20 dB; TNC - Male/Fem

Model Number: **18T-6F**
DC - 18 GHz; 6 dB; TNC - Fem/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
*Other dB values, units that operate over a more specific frequency band and/or offer very low return loss (VSWR) are available.

18T-ATT: REV L

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