

ATTENUATORS

TNC, up to 18 GHz, 2 Watts

SPECIFICATIONS:

Models: T

RoHS
Compliant

AEROFLEX
A passion for performance.

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

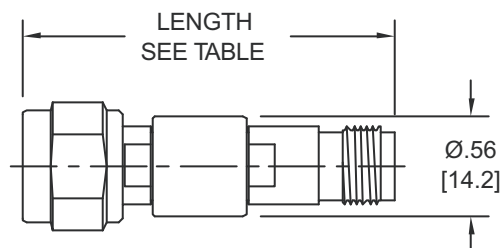
Operating Temp Range _____ -65°C to +125°C

Mechanical:

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

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 $\pm$.05	[52.5 $\pm$ 1.3]	2.35 $\pm$.05	[59.7 $\pm$ 1.3]
XXT-yyM	Male/Male	1.97 $\pm$.06	[50.0 $\pm$ 1.5]	2.26 $\pm$.06	[57.4 $\pm$ 1.5]
XXT-yyF	Female/Female	2.16 $\pm$.05	[54.9 $\pm$ 1.3]	2.45 $\pm$.05	[62.2 $\pm$ 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

AEROFLEX
INMET

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-inmet.com • inmet-sales@eroflex.com