

ATTENUATORS TNC

UP TO **18 GHz**
5 WATTS

api 
technologies corp.
INMET

MODELS: XXT5W-XX, XXT5W-XXF & XXT5W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 18 GHz
Standard Freq. Values _____ 6, 12.4 & 18 GHz
Standard dB Values* _____ 0 – 10, 12, 15, 20, 30 & 40 dB
Attenuation Accuracy _____ In 1dB 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 – 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:

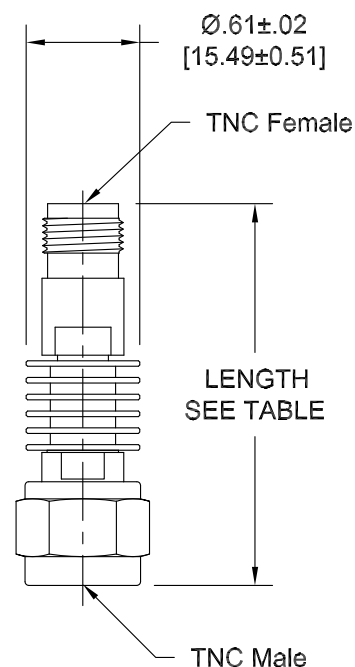
**TNC Connectors _____ Passivated Stainless Steel

Mates with MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper

Housing _____ Anodized Aluminum

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



Connector Configuration	LENGTH	
	0 – 30 & 40 dB	
	Inches	Millimeters
Male/Female	2.07 $\pm$ 0.05	[52.6 $\pm$ 1.3]
Male/Male	1.97 $\pm$ 0.05	[50.0 $\pm$ 1.3]
Female/Female	2.16 $\pm$ 0.05	[54.9 $\pm$ 1.3]

HOW TO ORDER:

Model Number: **XXT5W-XXY**

dB Value _____
Freq. Range _____
Connector Config. _____

6 = DC – 6 GHz
12 = DC – 12.4 GHz
18 = DC – 18 GHz

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

Ordering Examples:

Model Number: **6T5W-20**
DC – 6 GHz, 20 dB; Male/Fem

Model Number: **18T5W-06F**
DC – 18 GHz, 6 dB; Fem/Fem

Model Number: **12T5W-03M**
DC – 12.4 GHz, 3 dB; 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.

XXT5W-ATT; REV R

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