

TERMINATIONS TNC

UP TO 18 GHz
50 WATTS

api 
technologies corp.
> INMET

MODELS: TTXXXM-50W, TTXXXF-50W

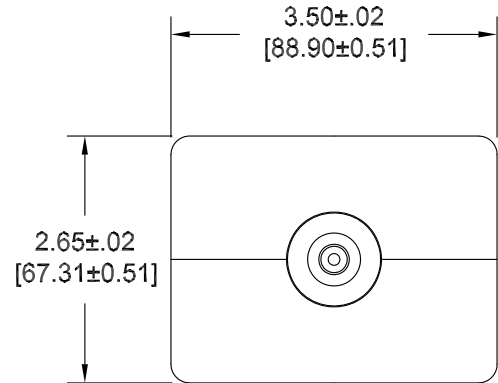
SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 18 GHz
Standard Freq. Values _____ 6, 12.4 & 18 GHz
VSWR
DC - 6 GHz _____ 1.25:1 Max.
6 - 12.4 GHz _____ 1.35:1 Max.
12.4 - 18 GHz _____ 1.45:1 Max.
Impedance _____ 50 Ohms
Input Power _____ 50 Watts Avg. @ +25°C
Derated Linearly to 10 Watts @ +125°C
Peak Power _____ 500 Watts Max.
(5uSec Pulse, .05% Duty Cycle)
Operating Temp Range _____ -65°C to +125°C

Mechanical:

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



END VIEW
TYPICAL

*TNC Connectors Mode-Free to 18 GHz

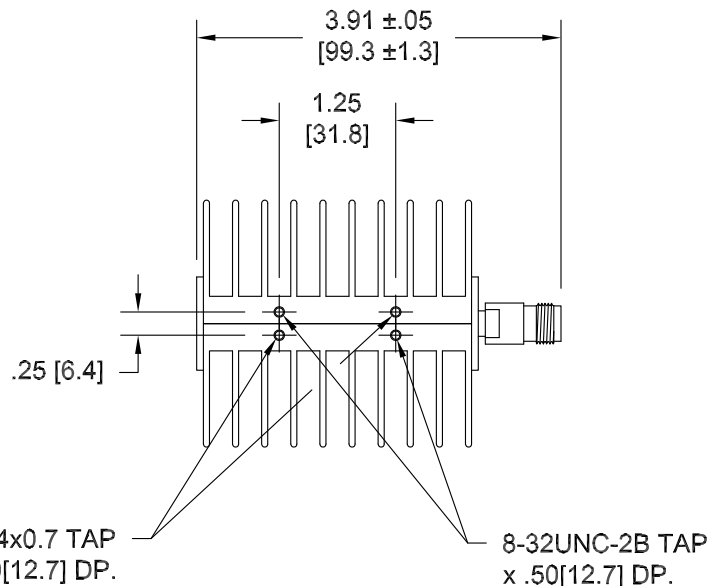
Model Number: **TTXXXF-50W**

TNC Female Connector
Length: 3.91 ± 0.05 [99.3 ± 1.3]
As Pictured

Model Number: **TTXXXM-50W**

TNC Male Connector
Length: 3.81 ± 0.05 [96.8 ± 1.3]

Units must be Mounted in such a way
as to Allow for Free Air Flow Around
fins as to Assure Performance.



HOW TO ORDER:

Model Number: **TTXXXY-50W**

Frequency Range ☐ ☐ Connector Configuration
060 = DC - 6 GHz M = Male
120 = DC - 12.4 GHz F = Female
180 = DC - 18 GHz

Ordering Examples:

Model Number: **TT120M-50W**
DC - 12.4 GHz; TNC Male

Model Number: **TT060F-50W**
DC - 6 GHz; TNC Female

Model Number: **TT180M-50W**
DC - 18 GHz; TNC 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.