

TERMINATIONS TNC

UP TO **4.0 GHz**
300 WATTS

api 
technologies corp.
> INMET

MODELS: TTXXXM-300W & TTXXXF-300W

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC — 4.0 GHz
Standard Freq. Values _____ 2.5 & 4 GHz
VSWR
DC — 1.5 GHz _____ 1.15:1 Max.
1.5 — 2.5 GHz _____ 1.25:1 Max.
2.5 — 4.0 GHz _____ 1.35:1 Max.
Input Power _____ 300 Watts Avg. @ +25°C
Derated Linearly to 60 Watts @ +125°C
Peak Power _____ 2 kW Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp Range _____ -55°C to +125°C

Mechanical:

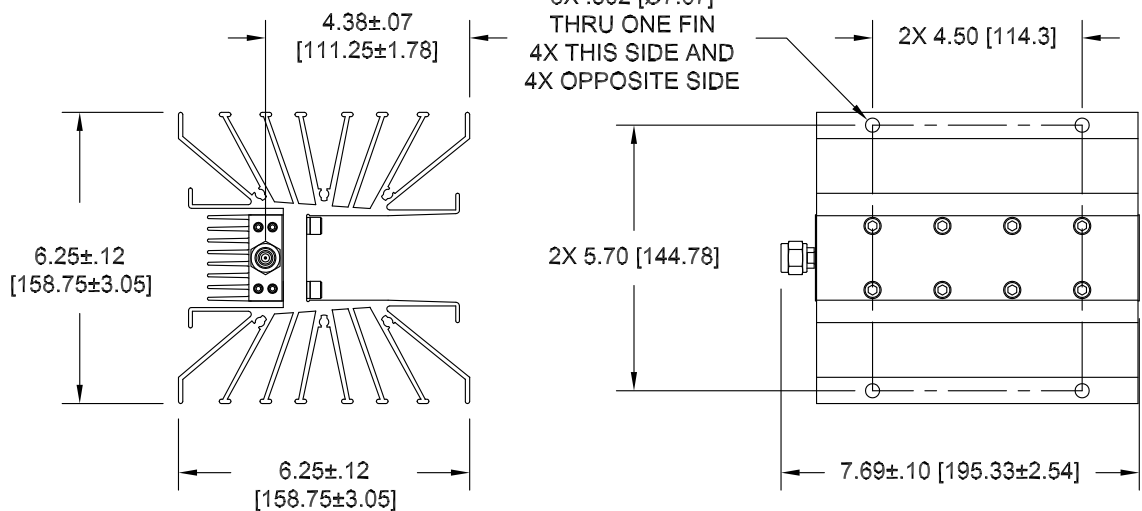
TNC Connectors* _____ Passivated Stainless Steel
Mates with MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Anodized Aluminum

* TNC Connectors are 18 GHz Mode Free.

Model Number: **TTXXXF-300W**
TNC Female Connector
Length: 7.79 ±.10 [197.87 ±2.54]

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

Model Number: **TTXXXM-300W**
TNC Male Connector
Length: 7.69 ±.10 [195.33 ±2.54]
Pictured



HOW TO ORDER:

Model Number: **TTXXXY-300W**

Connector Configuration
Freq. Range
020 = DC — 2.5 GHz
040 = DC — 4.5 GHz
F = Female
M = Male

Ordering Examples:

Model Number: **TT020M-300W**
DC — 2.5 GHz, TNC Male CONN.

Model Number: **TT040F-300W**
DC — 4 GHz, TNC Female CONN.

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.