

# TERMINATIONS

## TNC

UP TO 6.0 GHz  
100 WATTS

api  
technologies corp.  
INMET

MODELS: TTXXXM-100W & TTXXXF-100W

### SPECIFICATIONS:

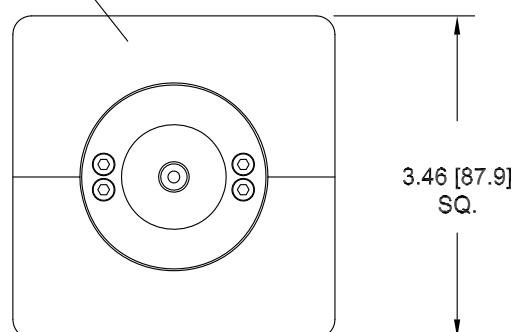
#### Electrical:

Frequency Range \_\_\_\_\_ DC – 6.0 GHz  
 Standard Freq. Values \_\_\_\_\_ 2.5 & 6 GHz  
 VSWR  
 DC – 1.5 GHz \_\_\_\_\_ 1.20:1 Max.  
 1.5 – 2.5 GHz \_\_\_\_\_ 1.30:1 Max.  
 2.5 – 6.0 GHz \_\_\_\_\_ 1.40:1 Max.  
 Input Power \_\_\_\_\_ 100 Watts Avg.  
 Derated Linearly to 20 Watts @ +125°C.  
 Peak Power \_\_\_\_\_ 1 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

Custom Mtg. hole Config.  
 may be Added to this  
 Surface.

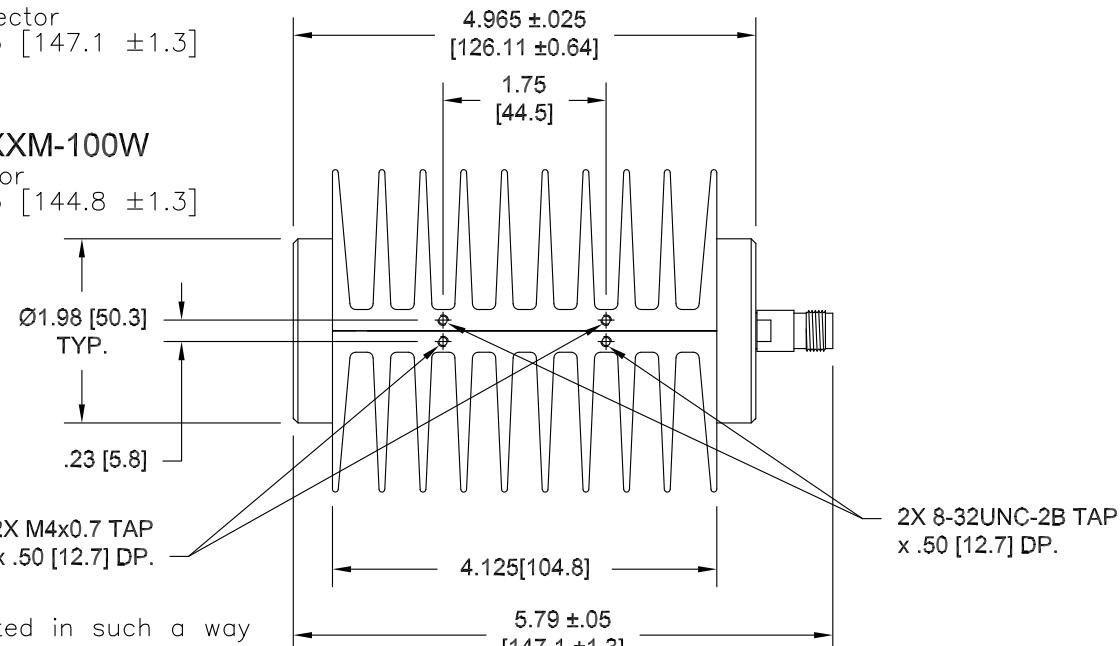


Model Number: **TTXXXF-100W**

TNC Female Connector  
 Length:  $5.79 \pm .05$  [147.1  $\pm 1.3$ ]  
 Pictured

Model Number: **TTXXXM-100W**

TNC Male Connector  
 Length:  $5.70 \pm .05$  [144.8  $\pm 1.3$ ]



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

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

### HOW TO ORDER:

Model Number: **TTXXXX-100W**

Freq. Range \_\_\_\_\_ Connector Configuration  
 020 = DC – 2.5 GHz F = Female  
 060 = DC – 6 GHz M = Male

### Ordering Examples:

Model Number: **TT020M-100W**  
 DC – 2.5 GHz, TNC Male CONN.

Model Number: **TT060F-100W**  
 DC – 6 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.