

# TERMINATIONS TYPE N

UP TO 6.0 GHz  
100 WATTS

api  
technologies corp.  
> INMET

MODELS: TNXXXM-100W & TNXXXF-100W

## SPECIFICATIONS:

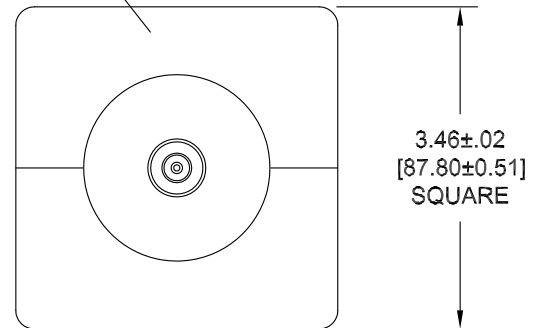
### Electrical:

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:

Type N 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.



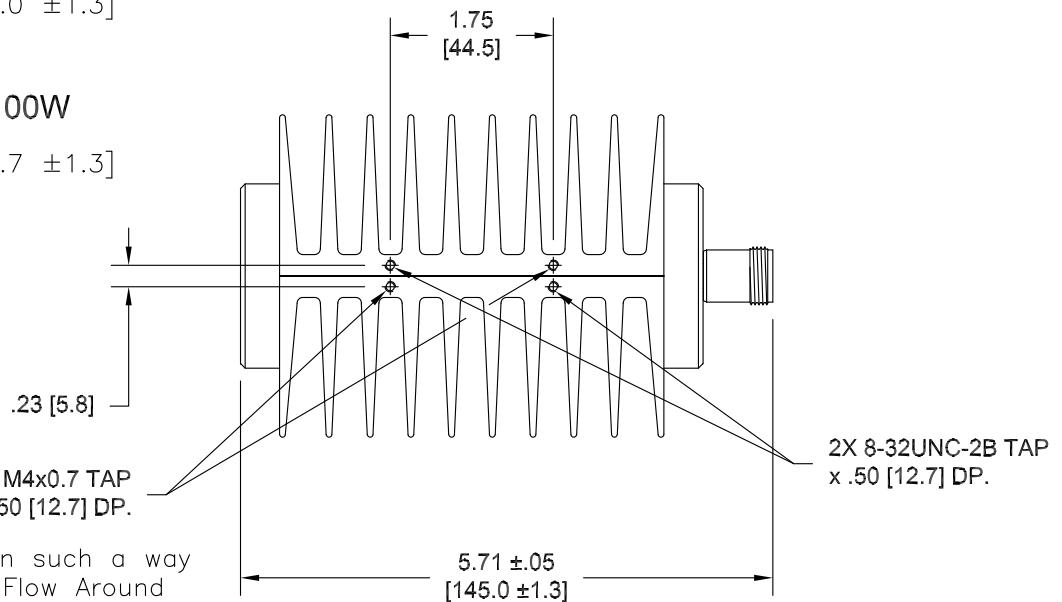
END VIEW  
TYPICAL

Model Number: **TNXXXF-100W**

Type N Female Connector  
Length: 5.71 ±.05 [145.0 ±1.3]  
Pictured

Model Number: **TNXXXM-100W**

Type N Male Connector  
Length: 5.62 ±.05 [142.7 ±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: **TNXXXY-100W**

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

## Ordering Examples:

Model Number: **TN020M-100W**  
DC - 2.5 GHz, Type N Male CONN.

Model Number: **TN060F-100W**  
DC - 6 GHz, Type N 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.

TNXXXY-100W; REV F

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