

# TERMINATIONS TYPE N

UP TO **4.0 GHz**  
**300 WATTS**

**api**   
technologies corp.  
> INMET

MODELS: TNXXXM-300W & TNXXXF-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:

Type N Connectors \_\_\_\_\_ Passivated Stainless Steel  
Mates with MIL-STD-348  
Conductors \_\_\_\_\_ Gold Plated Beryllium Copper  
Housing \_\_\_\_\_ Anodized Aluminum

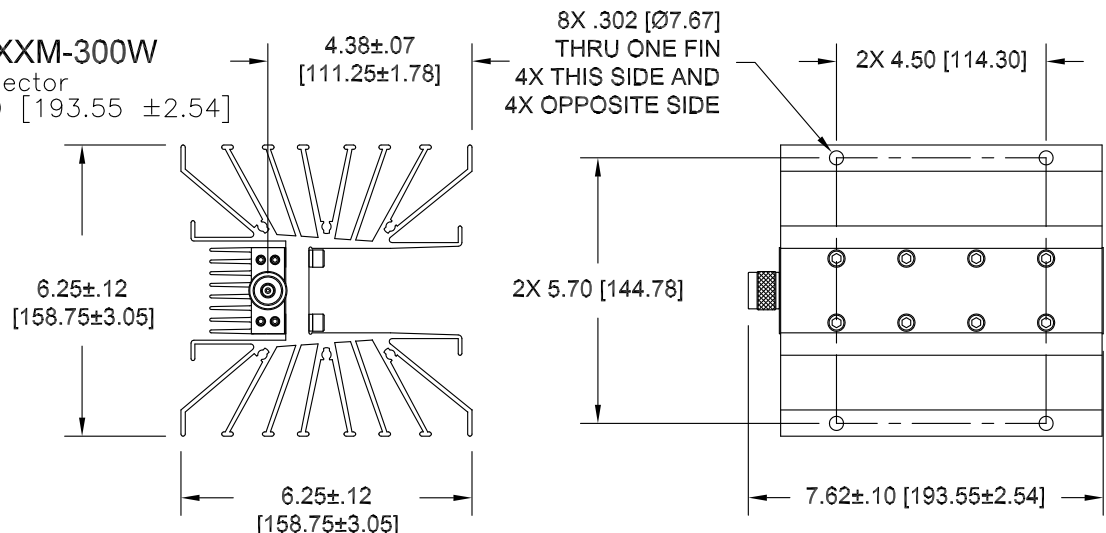
Model Number: **TNXXXF-300W**

Type N Female Connector  
Length: 7.70 ±.10 [195.58 ±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: **TNXXXM-300W**

Type N Male Connector  
Length: 7.62 ±.10 [193.55 ±2.54]  
Pictured



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

## HOW TO ORDER:

Model Number: **TNXXXY-300W**

Connector Configuration  
F = Female  
M = Male  
Freq. Range  
020 = DC - 2.5 GHz  
040 = DC - 4 GHz

## Ordering Examples:

Model Number: **TN040M-300W**  
DC - 4 GHz, Type N Male CONN.

Model Number: **TN020F-300W**  
DC - 2.5 GHz, Type N Female CONN.

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Design specifications are subject to change without notice.

Contact factory for technical specifications before purchasing or use.

TNXXX-300W; REV C

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