

TERMINATIONS TYPE N

UP TO 18 GHz
50 WATTS

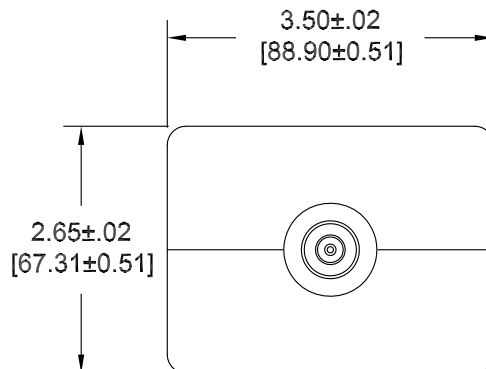
api 
technologies corp.
> INMET

MODELS: TNXXXM-50W, TNXXXF-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



END VIEW
TYPICAL

Mechanical:

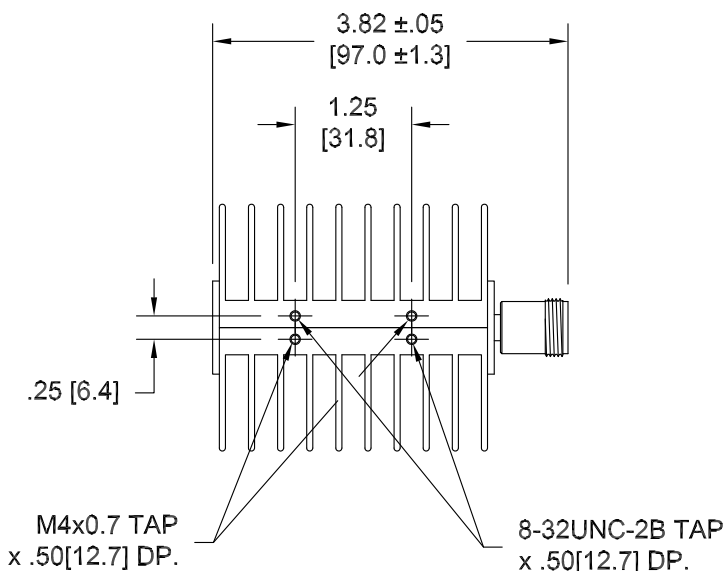
Type N Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
Housing _____ Anodized Aluminum
Conductors _____ Gold Plated Beryllium Copper

Model Number: **TNXXXF-50W**

Type N Female Connector
Length: 3.82 ±.05 [97.0 ±1.3]
As Pictured

Model Number: **TNXXXM-50W**

Type N Male Connector
Length: 3.74 ±0.5 [95.0 1.3]



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

HOW TO ORDER:

Model Number: **TNXXXY-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: **TN120M-50W**
DC - 12.4 GHz; Type N Male

Model Number: **TN060F-50W**
DC - 6 GHz; Type N Female

Model Number: **TN180M-50W**
DC - 18 GHz; Type N 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.