# Terminations
# Type N

## up to 18 GHz
## 25 Watts

MODELS: TNXXXM-25W, TNXXXF-25W

## Technical Specifications

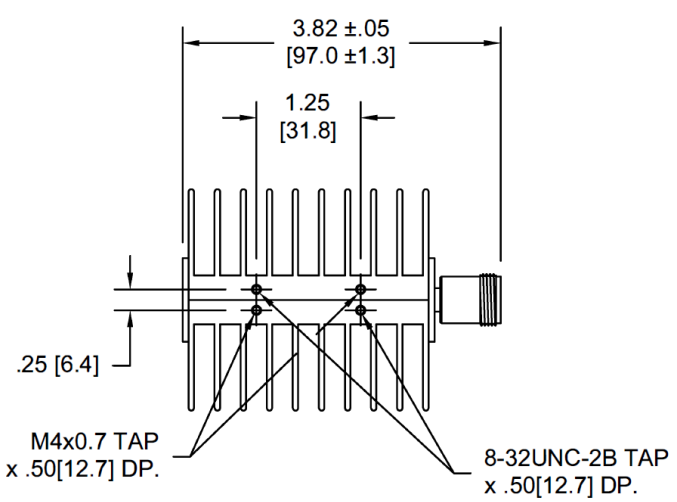
| Parameter | Value |
|---|---|
| *Electrical* | |
| Frequency Range | DC – 18 GHz |
| Standard Freq. Values | 6, 18 GHz |
| VSWR<br>DC – 6 GHz<br>6 – 12.4 GHz<br>12.4 – 18 GHz | <br>1.20:1 max.<br>1.30:1 max.<br>1.40:1 max. |
| Input Power | 25 Watts Average @ +25°C<br>*Derated linearity to 5 watts @ +125°C* |
| Peak Power | 500 Watts max.<br>(5µSec pulse, 0.05% duty cycle) |
| Impedance | 50 Ohms |
| Operation Temp. Range | -65°C to +125°C |

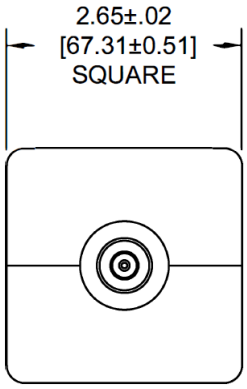
| Parameter | Value |
|---|---|
| *Mechanical* | |
| Type N Connectors<br>Mates with MIL-STD-348 | Passive Stainless Steel |
| Conductors | Gold Plated Beryllium Copper |
| Housing | Anodized Aluminum |

**Model Number TNXXXF-25W**
Type N Female Connector
Length: 3.82 ± .05 [97.0 ± 1.3]
As pictured

**Model Number TNXXXM-25W**
Type N Male Connector
Length: 3.74 ± .05 [95.0 ± 1.3]

Units must be mounted in such a way as to allow for free air flow around fins to ensure performance.




END VIEW
TYPICAL

## How To Order

Model #: TNXXXY-25W

Freq. Range
060 = DC-6 GHz
180 = DC-18 GHz

Connector Config.
F = Female
M = Male

### Order Examples

Model number: TN180M-25W
DC-18 GHz, Type N male

Model number: TN060F-25W
DC-6 GHz, Type N female

**Dimensions in brackets are expressed in millimeters and are for reference only.

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Spectrum Control reserves the right to make changes to datasheets at any time without notice.