

Terminations

Type N

up to 18 GHz
50 Watts

MODELS: TNXXXM-50W, TNXXXF-50W

Technical Specifications

Parameter	Value
<i>Electrical</i>	
Frequency Range	DC – 18 GHz
Standard Freq. Values	6, 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.
Input Power	50 Watts Average @ +25°C Derated linearity to 10 watts @ +125°C
Peak Power	500 Watts max. (5µSec pulse, 0.05% duty cycle)
Impedance	50 Ohms
Operation Temp. Range	-65°C to +125°C

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

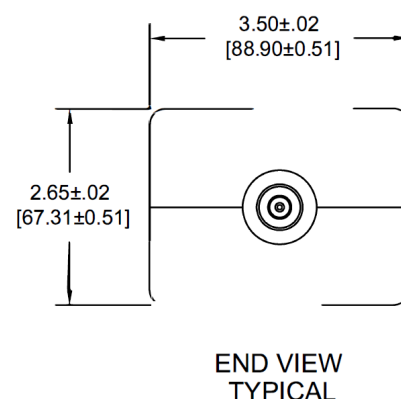
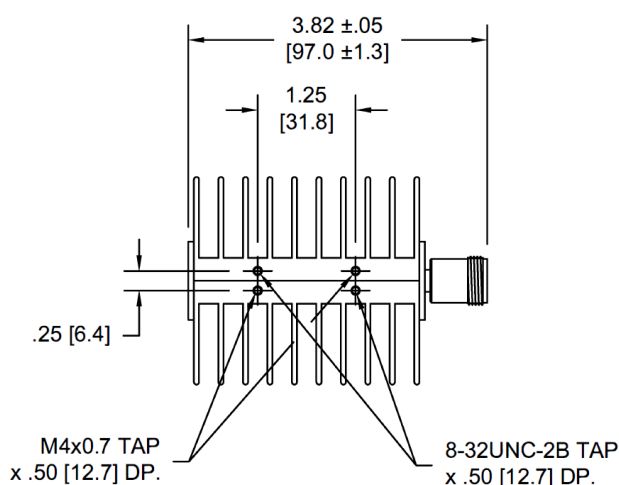
Model Number TNXXXF-50W

Type N Female Connector
Length: $3.82 \pm .05$ [97.0 ± 1.3]
As pictured

Model Number TNXXXM-50W

Type N Male Connector
Length: $3.74 \pm .05$ [95.0 ± 1.3]

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



How To Order

Model #: TNXXXY-50W

Freq. Range

060 = DC-6 GHz

180 = DC-18 GHz

Connector Config.

F = Female

M = Male

Order Examples

Model number: TN180M-50W
DC-18 GHz, Type N male

Model number: TN060F-50W
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.