Terminations
SMA

up to 18 GHz
50 Watts

MODELS: TSXXXM-50W, TSXXXF-50W

Technical Specifications

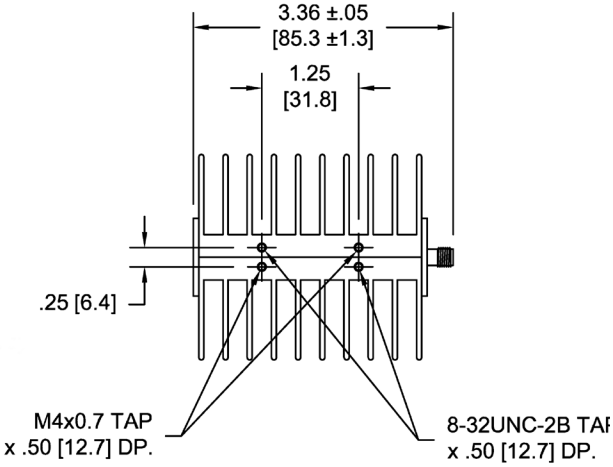
Parameter	Value
Electrical	
Frequency Range	DC – 18 GHz
Standard Freq. Values	6, 18 GHz
VSWR DC – 6 GHz 6 – 12.4 GHz 12.4 – 18 GHz	 1.25:1 max. 1.35:1 max. 1.45:1 max.
Input Power	50 Watts Average @ +25°C *Derated linearity to 10 watts @ +125°C*
Peak Power	500 Watts max. (5µSec pulse, 0.05% duty cycle)
Impedance	50 Ohms
Operation Temp. Range	-65°C to +125°C

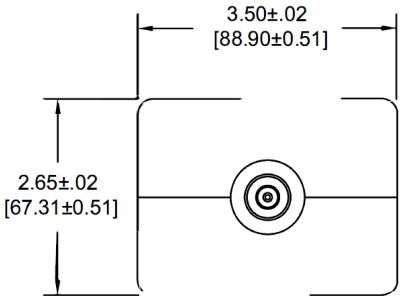
Parameter	Value
Mechanical	
SMA Connectors Mates with MIL-STD-348	Passive Stainless Steel
Conductors	Gold Plated Beryllium Copper
Housing	Anodized Aluminum

Model Number TSXXXF-50W
SMA Female Connector
Length: 3. 36 ± .05 [85.3 ± 1.3]
As pictured

Model Number TSXXXM-50W
SMA Male Connector
Length: 3.49 ± .05 [88.6 ± 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 #: TSXXXY-50W

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

Connector Config.
F = Female
M = Male

Order Examples

Model number: TS180M-50W
DC-18 GHz, SMA male

Model number: TS060F-50W
DC-6 GHz, SMA 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.