

# Terminations

## 2.4mm

up to 50 GHz

MODELS: TE400-1W, TE500-1W

### Technical Specifications

Parameter	Value
<i>Electrical</i>	
Frequency Range	DC – 50 GHz
Standard Freq. Values	40 & 50 GHz
VSWR	DC – 40 GHz 1.40:1 max. 40 – 50 GHz 1.60:1 max.
Input Power	1 Watt Average @ +25°C Derated linearity to 0.1 watt @ +85°C
Impedance	50 Ohms nominal
Operation Temp. Range	-45°C to +85°C

Parameter	Value
<i>Mechanical</i>	
2.4mm Connectors Mates with 1.85 & V* Connectors	Gold Plated Beryllium Copper
Conductors	Gold Plated Beryllium Copper
Barrel & Coupling Nut **	Passivated Stainless Steel

\*V is a trademark of Anritsu Corp.

\*\* For a gold-plated barrel and coupling nut, add /AU to the model number

#### Model Number TE400M-1W

2.4mm Male Connector, DC-40 GHz

#### Model Number TE500M-1W

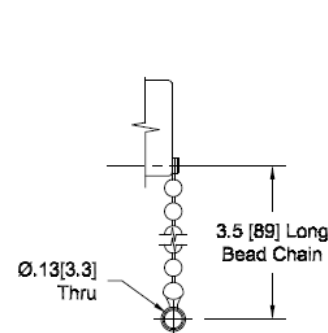
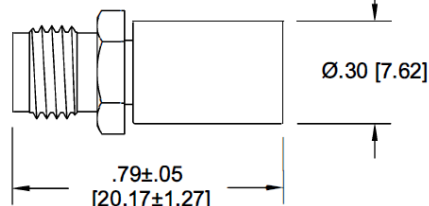
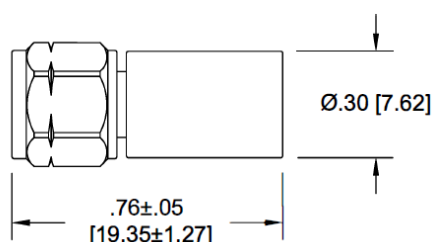
2.4mm Male Connector, DC-50 GHz

#### Model Number TE400F-1W

2.4mm Female Connector, DC-40 GHz

#### Model Number TE500F-1W

2.4mm Female Connector, DC-50 GHz



CHAIN DETAIL

### How To Order

Model #: **TEX00YZ/FF-1W**

Freq. Range.   
 4 = DC-40 GHz   
 5 = DC-50 GHz

Connector Config.   
 F = Female   
 M = Male

Style   
 = No chain   
 C = Chain included

Finish   
 = Passivated barrel & coupling nut   
 /AU = Gold-plated barrel & coupling nut

### Order Examples

Model number: TE400F-1W  
DC-40 GHz, 2.4mm, female, no chain

Model number: TE500MC-1W  
DC-50 GHz, 2.4mm, male, chain included

\*\*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.