

Inmet TE500M

## Low Power Coaxial Termination



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# TERMINATIONS

2.4mm, up to 50 GHz, 0.5 Watt

**RoHS**  
Compliant

## SPECIFICATIONS:

Models: TE400M, TE400F, TE500M, TE500F, TE400MC, TE400FC, TE500MC, TE500FC

### Electrical:

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 \_\_\_\_\_ 0.5 Watt Avg. at 25°C derated  
linearly to 0.1 Watts at 85°C

Impedance \_\_\_\_\_ 50 Ohms Nominal

Operating Temp. Range \_\_\_\_\_ -45°C to +85°C

### Mechanical:

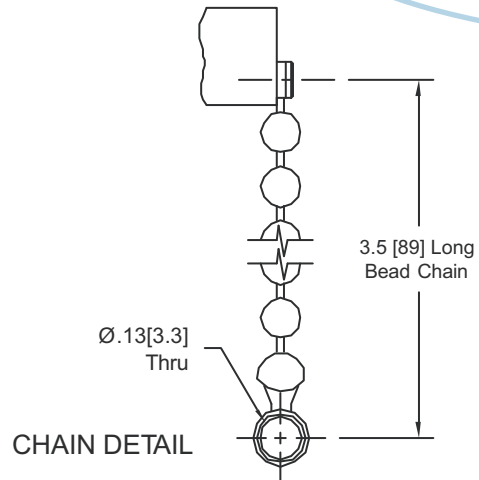
2.4mm Connectors \_\_\_\_\_ Gold Plated Beryllium Copper  
Mates with 1.85mm & V\* Connectors

Conductors \_\_\_\_\_ Gold Plated Beryllium Copper  
Barrel & Coupling Nut\*\* \_\_\_\_\_ Passivated Stainless Steel

\*\* For a Gold Plated Barrel & Coupling Nut add /AU to the Model Number

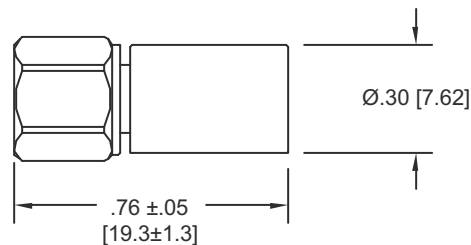
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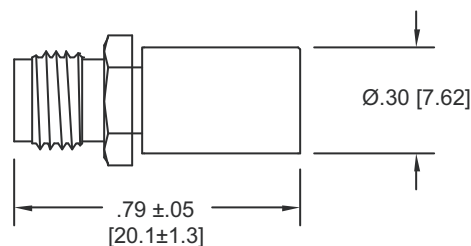
Model Number: **TE400M**

2.4mm Male Connector  
DC - 40 GHz



Model Number: **TE500M**

2.4mm Male Connector  
DC - 50 GHz



Model Number: **TE400F**

2.4mm Female Connector  
DC - 40 GHz

Model Number: **TE500F**

2.4mm Female Connector  
DC - 50 GHz

## HOW TO ORDER:

Model Number: **TEX00XY/FF**

Finish  
= Passivated Barrel & Coupling Nut  
/AU = Gold Plated Barrel & Coupling Nut

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

= No Chain  
C = Chain Included

Connector Configuration  
F = Female  
M = Male

### Ordering Examples:

Model Number: **TE400F**  
DC - 40 GHz, 2.4mm Female CONN.

Model Number: **TE500MC**  
DC - 50 GHz, 2.4mm Male CONN.; Chain Included

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

TE500: REV F

**AEROFLEX**  
**INMET**

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