TERMINATIONS
TNC

UP TO 18 GHz
2 WATTS

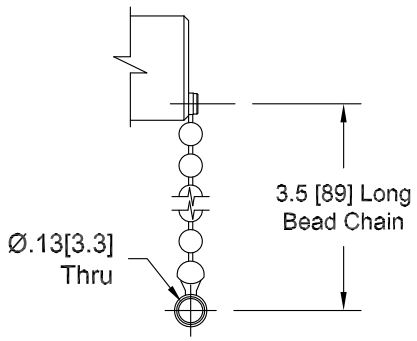
api technologies corp. > INMET

MODELS: TTXX0M, TTXX0F, TTXX0MC & TTXX0FC

SPECIFICATIONS:

Electrical:

Frequency Range	DC – 18 GHz
Standard Freq. Values	6, 12.4 & 18 GHz
Input Power	2 Watts Avg. at 25°C derated linearly to 1 Watt at 125°C
Peak Power	250 Watts Max. (5uSec Pulse, .05% Duty Cycle)
VSWR:	
DC – 4 GHz	1.10:1 Max.
4 – 8 GHz	1.15:1 Max.
8 – 12.4 GHz	1.20:1 Max.
12.4 – 18 GHz	1.25:1 Max.
Impedance	50 Ohms
Temperature Coefficient	±250 ppm/°C
Operating Temp. Range	–65°C to +125°C

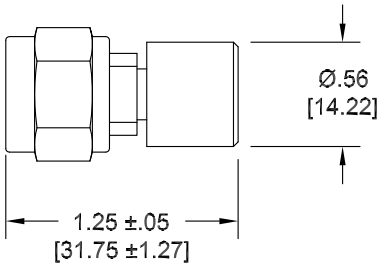


CHAIN DETAIL

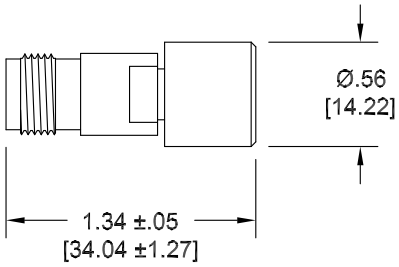
Mechanical:

TNC Connectors (Mates with MIL–STD–348)	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper
Insulators	Teflon
Bead Chains	Passivated Stainless Steel

Model Number: **TTXXXM**
TNC Male Connector



Model Number: **TTXXXF**
TNC Female Connector



HOW TO ORDER:

Model Number: **TTXXXYC**

- Freq. Range
  - 060 = DC – 6 GHz
  - 120 = DC – 12.4 GHz
  - 180 = DC – 18 GHz
- Optional Chain
  - = No Chain
  - C = Chain Included
- Connector Configuration
  - F = Female
  - M = Male

Ordering Examples:

Model Number: **TT060FC**
DC – 6 GHz; TNC Female; Chain Included

Model Number: **TT180M**
DC – 18 GHz; TNC Male; No chain

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design specifications are subject to change without notice.
Contact factory for technical specifications before purchasing or use.

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