TERMINATIONS
TYPE N

DC - 18 GHz
2 WATTS

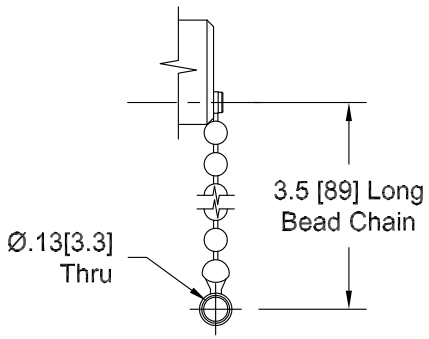
api technologies corp. > INMET

MODELS: TNXXXM, TNXXXF, TNXXXMC, TNXXXFC

SPECIFICATIONS:

Electrical:

Frequency Range	DC – 18 GHz
Standard Freq. Values	6, 12.4 & 18 GHz
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
Input Power	2 Watts Avg. @ +25°C Derated Linearly to 1 Watt @ +125°C
Peak Power	250 Watts Max. (5uSec Pulse, .05% Duty Cycle)
Operating Temp Range	–65°C to +125°C
Temperature Coefficient	±250 ppm/°C

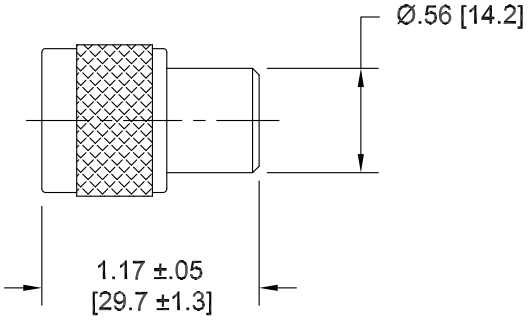


CHAIN DETAIL

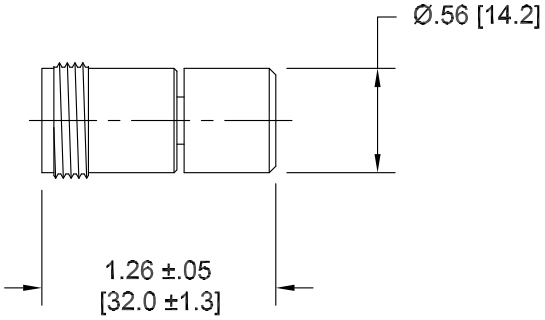
Mechanical:

Type N Connectors Mates with MIL–STD–348	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper
Bead Chain	Passivated Stainless Steel

Model Number: **TNXXXM**
Type N Male Connector



Model Number: **TNXXXF**
Type N Female Connector



HOW TO ORDER:

Model Number: **TNXXXYZ**

- Frequency Range
  - 060 = DC – 6 GHz
  - 120 = DC – 12.4 GHz
  - 180 = DC – 18 GHz
- Style
  - = No Chain
  - C = Chain Included
- Connector Config.
  - M = Male
  - F = Female

Ordering Examples:

Model Number: **TN180MC**
DC – 18 GHz; Type N Male; Chain Included

Model Number: **TN060F**
DC – 6 GHz; Type N Female; No Chain

Model Number: **TN120M**
DC – 12.4 GHz; Type N 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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