

### DC - 18 GHz - High Performance

- Precision and Broadband Model selection
- Broad Frequency Band Coverage
- Low VSWR - 50 Ohm - High Performance.
- Rugged Stainless Steel Interface Construction

Midwest Microwave's TNC Type series of coaxial Terminations provide temperature stable, ruggedly built, precision performance in light weight reasonably sized packages using stainless steel connectors and housings. Input Power levels of 2 Watts is offered with low VSWR performance and units meet all of the stringent environmental test requirements of MIL-E-5400 and MIL-E-16400.

### DC - 18 GHz Precision Performance

#### SPECIFICATIONS

**Impedance:** 50 Ohms

**Frequency:** DC - 18.0 GHz

**VSWR:** 1.20 @ DC - 8.0 GHz and 1.25 @ 8.0 - 18.0 GHz

**Power:** 2 Watts average @ +25 °C derated linearly to 0.5 Watts @ +125 °C

**Peak Power:** 0.5 Kilowatts

**Operating Temperature Range:** -54 °C to +125 °C

DC - 18.0 GHz	2108 Series	Model Numbers
TNC Male Plug	TNC Male Plug with Chain	
TRM-2108-M0-TNC-02	TRM-2108-MC-TNC-02	
TNC Female Jack	TNC Female Jack with Chain	
TRM-2108-F0-TNC-02	TRM-2108-FC-TNC-02	

### DC - 12.4 GHz Broadband Performance

#### SPECIFICATIONS

**Impedance:** 50 Ohms

**Frequency:** DC - 12.4 GHz

**VSWR:** 1.20 @ DC - 8.0 GHz, 1.25 @ 8.0 - 12.4 GHz

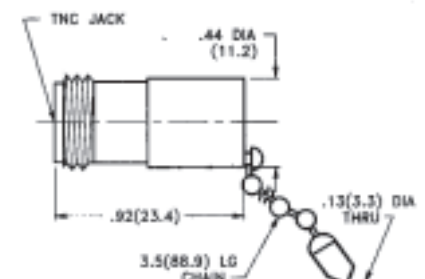
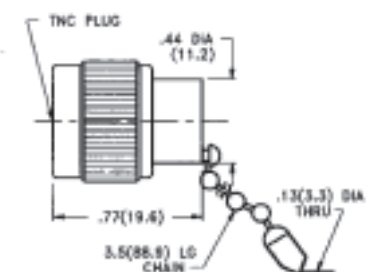
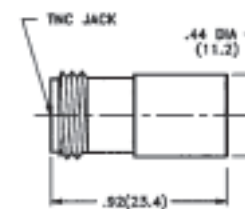
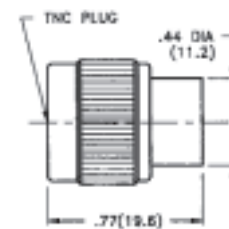
**Power:** 2 Watts average @ +25 °C derated linearly to 0.5 Watts @ +125 °C

**Peak Power:** 0.5 Kilowatts

**Operating Temperature Range:** -54 °C to +125 °C

DC - 12.4 GHz	2107* Series	Model Numbers
TNC Male Plug	TNC Male Plug with Chain	
TRM-2107-M0-TNC-02	TRM-2107-MC-TNC-02	
TNC Female Jack	TNC Female Jack with Chain	
TRM-2107-F0-TNC-02	TRM-2107-FC-TNC-02	

\* Note: Low cost , DC - 4.0 GHz Models are available as the 2110 Series. Substitute 2110 in place of 2107 to designate.



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