# **Terminations**

## **TNC Type**

### 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

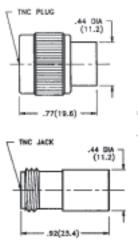
VSWR: 1.20 @ DC - 8.0 GHz and 1.25 @ 8.0 - 18.0 GHz

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

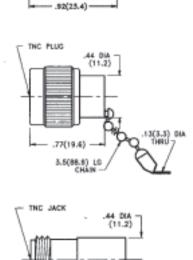
VSWR: 1.20 @ DC - 8.0 GHz, 1.25 @ 8.0 - 12.4 GHz

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 21	107* 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



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3.5(88.9) LC

<sup>\*</sup> 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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