

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

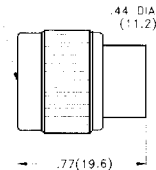
Power: 2 Watts average @ +25 °C derated linearly to 0.5 Watts @ +125 °C

Peak Power: 0.5 Kilowatts

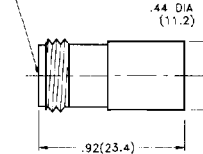
Operating Temperature Range: -54 °C to +125 °C

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

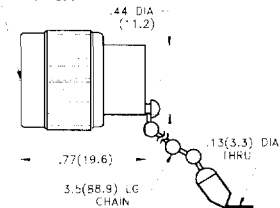
TNC PLUG



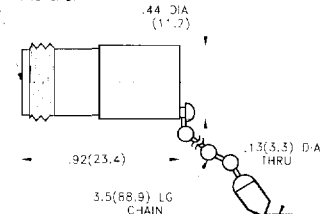
TNC JACK



TNC PLUG



TNC JACK



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.

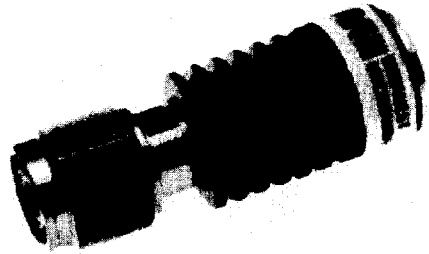
Terminations

TNC Medium Power Types

DC - 18 GHz 5 Watt Performance

- Precision TNC Performance
- 5 Watt Average - 5 Kw Peak Power
- Low VSWR - 50 Ohm - High Performance.
- Rugged Stainless Steel Interface Construction

Midwest Microwave's TNC type series of coaxial medium power Terminations provide temperature stable, precision performance in light weight reasonably sized packages using stainless steel connectors and black anodized finned aluminum housings. The units are designed to optimize performance and reliability with low VSWR performance and are suitable for use in military or commercial systems with MIL-E-5400 and MIL-E-16400 requirements.



5 Watts - DC - 18 GHz

SPECIFICATIONS

Impedance: 50 Ohms

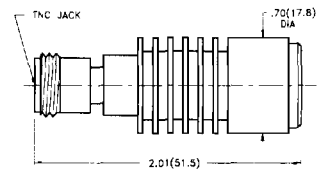
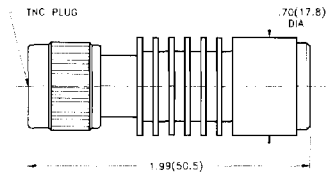
Frequency: DC - 18.0 GHz

VSWR: 1.30 max.

Power: 5 Watts average @ +40 °C derated linearly to 1.0 Watts @ +125 °C

Peak Power: 5 Kilowatt (5 microsecond pulse width)

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



DC - 18.0 GHz	2142 Series	Model Numbers
TNC Male Plug	TNC Male Plug with Chain	
TRM-2142-M0-TNC-07	TRM-2142-MC-TNC-07	
TNC Female Jack	TNC Female Jack with Chain	
TRM-2142-F0-TNC-07	TRM-2142-FC-TNC-07	

5 Watts - DC - 4 GHz Performance

SPECIFICATIONS

Impedance: 50 Ohms

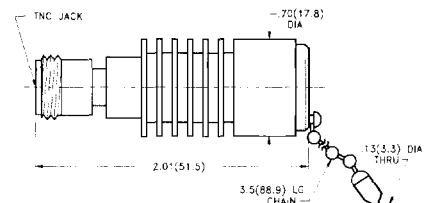
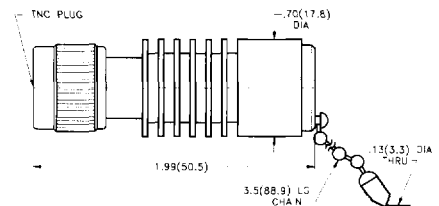
Frequency: DC - 4.0 GHz

VSWR: 1.20 max.

Power: 5 Watts average @ +40 °C derated linearly to 1.0 Watts @ +125 °C

Peak Power: 5 Kilowatt (5 microsecond pulse width)

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



DC - 4.0 GHz	2140 Series	Model Numbers
TNC Male Plug	TNC Male Plug with Chain	
TRM-2140-M0-TNC-07	TRM-2140-MC-TNC-07	
TNC Female Jack	TNC Female Jack with Chain	
TRM-2140-F0-TNC-07	TRM-2140-FC-TNC-07	