

# Terminations

## Type N

### 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 N 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 N Performance

#### SPECIFICATIONS

**Impedance:** 50 Ohms

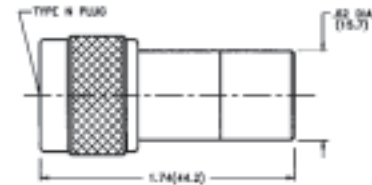
**Frequency:** DC - 18.0 GHz

**VSWR:**  $1.03 + 0.005 f$  (GHz)

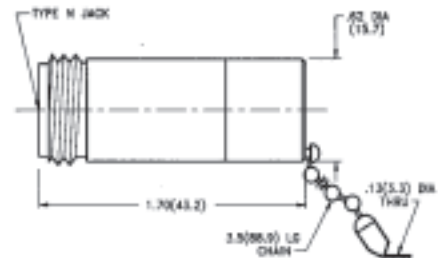
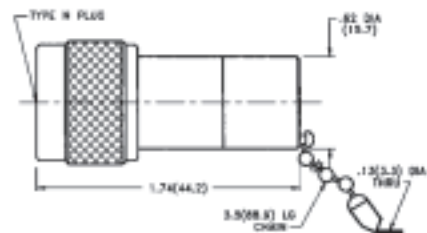
**Power:** 2 Watts average @ +25 °C derated linearly to 0.5 Watts @ +125 °C

**Peak Power:** 1 Kilowatt

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



DC - 18.0 GHz	2001 Series	Model Numbers
Male Plug	Male Plug with Chain	
TRM-2001-M0-NNN-02	TRM-2001-MC-NNN-02	
Female Jack	Female Jack with Chain	
TRM-2001-F0-NNN-02	TRM-2001-FC-NNN-02	



### DC - 12.4 GHz Broadband Performance

#### SPECIFICATIONS

**Impedance:** 50 Ohms

**Frequency:** DC - 12.4 GHz

**VSWR:** 1.07 @ DC - 4 GHz, 1.12 @ 4 - 12.4 GHz

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

**Peak Power:** 1 Kilowatt

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

DC - 12.4 GHz	2053 Series	Model Numbers
Male Plug	Male Plug with Chain	
TRM-2053-M0-NNN-02	TRM-2053-MC-NNN-02	
Female Jack	Female Jack with Chain	
TRM-2053-F0-NNN-02	TRM-2053-FC-NNN-02	

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