

# Terminations

## SMA Medium Power Types

### 10 and 20 Watt - DC - 18 GHz

- 10 and 20 Watt Model selection
- Broad Frequency Band Coverage
- Low VSWR - 50 Ohm - High Performance.
- Rugged Stainless Steel Interface Construction

Midwest Microwave's SMA series of medium power coaxial Terminations provide temperature stable, ruggedly built, precision performance in light weight reasonably sized packages using stainless steel connectors and black anodized finned aluminum housings. Input Power levels of 10 and 20 Watts are offered with low VSWR performance and units meet all of the stringent environmental test requirements of MIL-E-5400 and MIL-E-16400.



### 10 Watts - DC - 18 GHz

**Impedance:** 50 Ohms

**Frequency:** DC - 18.0 GHz

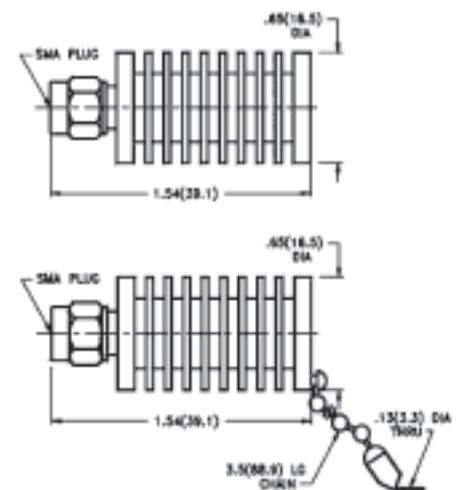
**VSWR:** 1.20 @ DC - 8.0 GHz, 1.30 @ 8 - 12.4 GHz, 1.35 @ 12.4 - 18.0 GHz

**Power:** 10 Watts average @ +25 °C derated linearly to 0.5 Watts @ +125 °C

**Peak Power:** 1 Kilowatt (5 microsecond pulse width)

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

DC - 18.0 GHz	2138 Series	Model Numbers
Male Plug		Male Plug with Chain
TRM-2138-M0-SMA-07		TRM-2138-MC-SMA-07



### 20 Watts - DC - 18 GHz

**Impedance:** 50 Ohms

**Frequency:** DC - 18.0, DC - 12.4, DC - 8.0, DC - 4.0, and DC - 2.0 GHz

**VSWR:** 1.25 @ DC - 12.4 GHz, 1.35 @ 12.4 - 18.0 GHz

**Power:** 20 Watts average @ +25 °C derated linearly to 5 Watts @ +125 °C

**Peak Power:** 6 Kilowatt (5 microsecond pulse width)

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

DC - 18.0 GHz	2129 Series	Model Numbers
Male Plug		Male Plug with Chain
TRM-2129-M0-SMA-07		TRM-2129-MC-SMA-07
DC - 12.4 GHz	2134 Series	Model Numbers
TRM-2134-M0-SMA-07		TRM-2134-MC-SMA-07
DC - 8.0 GHz	2136 Series	Model Numbers
TRM-2136-M0-SMA-07		TRM-2136-MC-SMA-07
DC - 4.0 GHz	2139 Series	Model Numbers
TRM-2139-M0-SMA-07		TRM-2139-MC-SMA-07
DC - 2.0 GHz	2143 Series	Model Numbers
TRM-2143-M0-SMA-07		TRM-2143-MC-SMA-07

