High Power Termination – 250 Watts, DC-18.0 GHz

Connectors - N or 3.5mm



Features

- Quality high temperature connectors
- Designed to meet environmental requirements of MIL-DTL-3933
- Broadband performance, ideal for test applications
- RoHS Compliant

PRELIMINARY

Technical Specifications

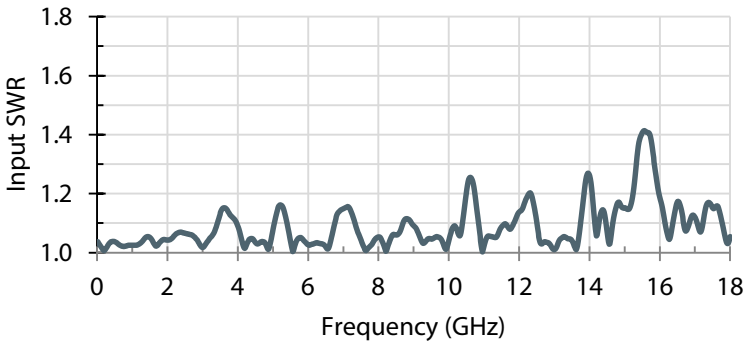
Nominal Impedance	50 Ω
Frequency Range	DC to 18.0 GHz
Maximum SWR	
Frequency	SWR
DC – 18.0 GHz	1.60
Power Rating	
- 250 W average at 25°C ambient. - Derated to 25 W average at 125° C - 1 KW peak @ 5 µsec pulse width & 1.25% duty cycle	
Temperature Range	-55°C to 125°C

Mechanical Specifications

Construction	Aluminum alloy body, stainless steel connectors & gold plated contacts.
Weight	1400g (50 oz)

Connectors		
Options	Type	Description
1 2	3.5 mm Female 3.5 mm Male	Mates nondestructively with SMA, SMK and 3.5 mm connectors
3 4	N Female N Male	Interface dimensions per MIL-STD 348 & IEC 60169-16. Mates non-destructively with MIL-PRF-39012 connector.

Typical SWR



Model Number Description

1490– X

- Basic Model #
- Connector Option

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