DATASHEET

PR2019

Type N Male to Female Attenuator, DC-18 GHz, 50 W, 40 dB



Connector Series	**Type N**
Configuration	**Male to Female**
Frequency Range	**DC-18 GHz**
Attenuation	**40 dB**
Average Power	**50 W @ 25°C**
VSWR	**1.35 Max**
Directionality	**Bidirectional**

1: Material & Plating

Body	Passivated Stainless Steel
Contacts	Brass(Male), BeCu(Female)
Contact Plating	Au 30µ” Min
Dielectric	PTFE
RoHS	Compliant

2: Electrical Parameter

Frequency Range	DC-18 GHz
Nominal Attenuation	40 dB
Attenuation Accuracy	±1 dB
VSWR	1.35 Max
Impedance	50 Ohms
Directionality	Bidirectional
Average Power Handling	50 Watts at 25°C, de-rated linearly to 0.1 Watts at 125°C
Peak Power Handling	—

3: Mechanical Parameter

Connector Interface	Type N per MIL-STD-348B
Gender / Configuration	Male to Female
Outline Dimensions	1.97" 2.52" 1.97" 2.52" 2.76" 8X M4 19mm HEX

4: Environment

Operating Temperature	-55°C to +125°C
RoHS Compliance	Compliant

Specifications subject to change without notice. This datasheet is for reference only.