

RF Attenuator 5910_N-50-050/19-_N

Description

Standard Attenuator, High Power



Product Configuration

Connector (side 1 / side 2) N plug (male) / N jack (female)
Interface Standards IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

Nominal impedance 50 Ω
Nominal attenuation 10 dB
Frequency range DC to 6 GHz
Attenuation deviation (\pm dB) 0.75
VSWR max. 1.25
Power rating 50 Watt average power up to 25 °C ambient temperature, linearly derated to 10 Watt at 125 °C ambient temperature.
Free airflow convection necessary to ensure power performance. Unit is unidirectional, therefore don't swap input with output (note: input is usually on the male side, otherwise follow instructions on the heatsink)
500 Watt peak power, 5 μ s pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.53 kg

Environmental Data

Operating temperature -65 °C to 125 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	

Related Documents

Outline drawing DOU-00122190

Ordering Information

Single packaging 5910_N-50-050/19-_NE

Additional Information

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Remarks

Free airflow convection necessary to ensure power performances

Mouser Electronics

Authorized Distributor

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