

RF Attenuator 5910_N-50-010/199_N

Description

Standard Attenuator, Medium 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 18 GHz		
Frequency sub range (GHz)	DC to 6	6 to 12.4	12.4 to 18
Attenuation deviation (±dB)	0.5	0.5	0.7
VSWR max.	1.2	1.3	1.4
Power rating	10 Watt average power up to 25 °C ambient temperature, linearly derated to 2 Watt at 125 °C ambient temperature. 500 Watt peak power, 5 μs pulse, 0.05 % duty cycle		

Mechanical Data

Weight 0.064 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-00112627

Ordering Information

Single packaging 5910_N-50-010/199_NE

Mouser Electronics

Authorized Distributor

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