

RF Attenuator 5930_N-50-300/199_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	30 dB		
Frequency range	DC to 4 GHz		
Frequency sub range (GHz)	DC to 1.5	1.5 to 2.5	2.5 to 4
Attenuation deviation (±dB)	0.75	1	1.5
VSWR max.	1.15	1.25	1.5
Power rating	300 Watt average power up to 25 °C ambient temperature, linearly derated to 60 Watt at 125 °C ambient temperature. Free airflow convection necessary to ensure power performances. Unit is unidirectional, therefore don't swap input with output (note: input is usually on the male side, otherwise follow instructions on the heatsink) 2000 Watt peak power, 5 μs pulse, 0.05 % duty cycle		

Mechanical Data

Weight 2.64 kg

Environmental Data

Operating temperature -54 °C to 125 °C
 2011/65/EC (RoHS) 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-00118100

Ordering Information

Single packaging 5930_N-50-300/199_NE