

RF Attenuator
5940_N-50-1/133_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	40 dB
Frequency range	DC to 6 GHz
Attenuation deviation ($\pm$ dB)	0.9
VSWR max.	1.25
Power rating	100 Watt average power up to 25 °C ambient temperature, linearly derated to 10 Watt at 100 °C ambient temperature. 5 kW peak power, 5 μ s pulse, 0.5 % duty cycle

Mechanical Data

Weight	1.450 kg
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Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)	-55 °C to 125 °C compliant
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Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Brass	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Body/Heat Sink	Aluminium	Anodized
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Body/Heat Sink	Aluminium	Anodized

Related Documents

Outline drawing	DOU-01168092
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Ordering Information

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