Data Sheet

RF Attenuator 6910.01.A



Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) Interface Standards

BNC plug (male) / BNC jack (female)

IEC 60169-8_MIL-STD-348A/301_CECC 22120

Technical Data

Electrical Data

50 Ω Nominal impedance 10 dB Nominal attenuation Frequency range DC to 1 GHz

DC to 0.5 0.5 to 1 Frequency sub range (GHz) Attenuation deviation (±dB) 0.2 0.4 VSWR max. 1.1 1.2

0.75 Watt average power up to 30 $^{\circ}$ C ambient temperature, linearly derated to 0 Watt at 130 $^{\circ}$ C ambient Power rating

500 Watt peak power, 5 μs pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.025 kg

Environmental Data

Operating temperature -55 °C to 130 °C 2011/65/EU (RoHS) compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Brass	Gold Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Piece Part (side2) Centre contact	Material Copper Beryllium Alloy	Surface Plating Gold Plating
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Centre contact	Copper Beryllium Alloy	Gold Plating
Centre contact Outer contact	Copper Beryllium Alloy Brass	Gold Plating SUCOPLATE (R) Plating

Related Documents

Outline drawing DCA-00005012

Ordering Information

Single packaging 6910.01.A

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