

RF Attenuator 6830.01.A

Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) BNC plug (male) / BNC jack (female)
 Interface Standards IEC 60169-8_MIL-STD-348A/301_CECC 22120

Technical Data

Electrical Data

Nominal impedance	50 Ω	
Nominal attenuation	30 dB	
Frequency range	DC to 4 GHz	
Frequency sub range (GHz)	DC to 2	2 to 4
Attenuation deviation ($\pm$ dB)	1	1
VSWR max.	1.1	1.2
Power rating	1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature. 500 Watt peak power, 5 μ s 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	Copper Beryllium Alloy	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
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing DOU-00005238

Ordering Information

Single packaging 6830.01.A

Mouser Electronics

Authorized Distributor

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