Data Sheet

HUBER+SUHNER

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 (±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 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 - including 2015/863 and 2017/2102)	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

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