HUBER+SUHNER® DATA SHEET
RF ATTENUATOR: Type 6903.02.A

Rev.: L

Description

Standard Attenuator, Low Power

Product Configuration

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

Technical Data

Electrical Data

Nominal impedance	75 Ω		
Nominal attenuation	3 dB		
Frequency range	DC to 1 GHz		
Frequency sub range (GHz)	DC to 0.5	0.5 to 0.7	0.7 to 1
Attenuation deviation (±dB)	0.3	0.3	0.8
VSWR max.	1.1	1.15	1.15
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		

Mechanical Data

Weight	0.025 kg

Environmental Data

2002/95/EC (RoHS)	compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Brass	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

Piece Part (side 2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing	On request

Ordering Information

Single packaging	6903.02.A

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