

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

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	SUCOPLATE (R) Plating
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	SUCOPLATE (R) Plating

Related Documents

Outline drawing On request

Ordering Information

Single packaging 6903.02.A

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

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It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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