

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 6906.01.A

Rev.: F



Description

Standard Attenuator, Low Power

Product Configuration

Connectors (side 1 / side 2) BNC plug (male) / BNC jack (female)

Technical Data

Electrical Data

Nominal Impedance	50 Ω
Nominal Attenuation	6 dB
Frequency Range	DC to 1 GHz
Frequency sub Range (GHz)	DC to 0.5 0.5 to 1
Attenuation Deviation (\pm dB)	0.2 0.4
VSWR max.	1.1 1.2
Power Rating	1 Watt average power to 50 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature. 500 Watt peak power during max. 5 μ s
Power coefficient	0.001 dB/dB/W
Temp. coefficient	0.0001 dB/dB/°C

Mechanical Data

Dimensions	14.5 / 14.5 / 50.5 (height / width / length coaxial in mm)
Weight	0.025 kg

Material Data

Piece Part (side 1)

Centre contact	Brass
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE
Coupling nut	Brass

Surface Plating

Gold Plating
SUCOPLATE (R) Plating
SUCOPLATE (R) Plating
SUCOPLATE (R) Plating

Piece Part (side 2)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

Surface Plating

Gold Plating
SUCOPLATE (R) Plating
SUCOPLATE (R) Plating

Related Documents

Outline drawing On request

Ordering Information

Single packaging 6906.01.A

Additional Information

Remarks

Interface dimensions acc. to IEC 60169-8_MIL-STD-348A/301_CECC 22120



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

WAIVER!

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