

# HUBER+SUHNER® DATA SHEET

## RF ATTENUATOR: Type 6910.01.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 $\Omega$
Nominal Attenuation	10 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	0.5 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 $\mu$ 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 6910.01.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!

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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