

# 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 $\Omega$
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 ( $\pm$ 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)

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

##### Piece Part (side 2)

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

##### Surface Plating

Gold Plating (without Nickel underplating)
SUCOPLATE (R) Plating
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Gold Plating (without Nickel underplating)
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### Related Documents

Outline drawing On request

### Ordering Information

Single packaging 6903.02.A

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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