

# HUBER+SUHNER® DATA SHEET

## RF ATTENUATOR: Type 5903.41.0003

Rev.: G



### Description

Standard Attenuator, Medium Power

### Product Configuration

Connectors (side 1 / side 2) 7/16 plug (male) / 7/16 jack (female)  
Interface standard IEC 60169-4\_CECC 22190\_DIN 47223\_VG 95250

### Technical Data

#### Electrical Data

Nominal impedance	50 $\Omega$
Nominal attenuation	3 dB
Frequency range	DC to 6 GHz
Frequency sub range (GHz)	DC to 2 2 to 6
Attenuation deviation ( $\pm$ dB)	0.2 0.3
VSWR max.	1.1 1.25
Power rating	50 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature. Convection cooled. 500 Watt peak power

#### Mechanical Data

Weight 0.555 kg

#### Environmental Data

2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Part (side 1)

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

##### Piece Part (side 2)

Centre contact	Bronze
Outer contact	Brass
Body	Aluminium
Insulator	PFA / PTFE

##### Surface Plating

Silver Plating  
SUCOPLATE (R) Plating  
Anodized

SUCOPLATE (R) Plating

##### Surface Plating

Silver Plating  
SUCOPLATE (R) Plating  
Anodized

### Related Documents

Outline drawing DOU-00005298

### Ordering Information

Single packaging 5903.41.0003

### Additional Information

#### Remarks

Important note **! WARNING: Beryllia Ceramic Inside !** DO NOT sand, scrap or tamper with.  
Dispose in accordance with all relevant regulations.



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.

**HUBER+SUHNER – Excellence in Connectivity Solutions**



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