

# HUBER+SUHNER® DATA SHEET

## RF ATTENUATOR: Type 5906.41.0001

Rev.: F



### 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	6 dB
Frequency range	DC to 6 GHz
Frequency sub range (GHz)	DC to 1      1 to 2      2 to 4      4 to 6
Attenuation deviation ( $\pm$ dB)	0.3            0.3            0.3            0.5
VSWR max.	1.1            1.15          1.25          1.35
Power rating	10 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 0.2555 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

##### Surface Plating

Silver Plating  
SUCOPLATE (R) Plating  
Anodized

##### Piece Part (side 2)

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

##### Surface Plating

Silver Plating  
SUCOPLATE (R) Plating  
Anodized

### Related Documents

Outline drawing DOU-00005329

### Ordering Information

Single packaging 5906.41.0001

### 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.



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