

# HUBER+SUHNER® DATA SHEET

## RF ATTENUATOR: Type 6810.17.A

Rev.: H



### Description

Standard Attenuator, Low Power

### Product Configuration

Connectors (side 1 / side 2) N plug (male) / N jack (female)  
Interface standard IEC 60169-16\_MIL-STD-348A/304\_CECC 22210

### Technical Data

#### Electrical Data

Nominal impedance	50 $\Omega$			
Nominal attenuation	10 dB			
Frequency range	DC to 12.4 GHz			
Frequency sub range (GHz)	DC to 4	4 to 8	8 to 10	10 to 12.4
Attenuation deviation ( $\pm$ dB)	0.3	0.3	0.6	0.6
VSWR max.	1.1	1.2	1.2	1.25
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 0.069 kg

#### Environmental Data

2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Part (side 1)

Centre contact	Copper Beryllium Alloy
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)  
Gold Plating (without Nickel underplating)  
SUCOPLATE (R) Plating

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Gold Plating (without Nickel underplating)  
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SUCOPLATE (R) Plating

### Related Documents

Outline drawing DOU-00005259

### Ordering Information

Single packaging 6810.17.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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