

# HUBER+SUHNER® DATA SHEET

## RF ATTENUATOR: Type 6820.19.A

Rev.: I



### Description

Standard Attenuator, Low Power

### Product Configuration

Connectors (side 1 / side 2) SMA plug (male) / SMA jack (female)  
Interface standard IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

Nominal impedance	50 $\Omega$
Nominal attenuation	20 dB
Frequency range	DC to 18 GHz
Frequency sub range (GHz)	DC to 4      4 to 8      8 to 12.4      12.4 to 18
Attenuation deviation ( $\pm$ dB)	0.5      0.6      0.8      1
VSWR max.	1.1      1.2      1.2      1.35
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 0.008 kg

#### Environmental Data

2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Part (side 1)

Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Copper Beryllium Alloy
Insulator	PFA / PTFE
Coupling nut	Bronze

##### Piece Part (side 2)

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

##### Surface Plating

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

Outline drawing DCA-00005292

### Ordering Information

Single packaging 6820.19.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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