

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 6806.19.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 Ω			
Nominal attenuation	6 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)	0.3	0.3	0.5	0.8
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

Material

Surface Plating

Centre contact	Gold Plating (without Nickel underplating)
Outer contact	Gold Plating (without Nickel underplating)
Body	Gold Plating (without Nickel underplating)
Coupling nut	Gold Plating (without Nickel underplating)

Piece Part (side 2)

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

Material

Surface Plating

Centre contact	Gold Plating (without Nickel underplating)
Outer contact	Gold Plating (without Nickel underplating)
Body	Gold Plating (without Nickel underplating)

Related Documents

Outline drawing DCA-00005292

Ordering Information

Single packaging 6806.19.A

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

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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 AG
RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

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