

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 6806.17.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 Ω			
Nominal attenuation	6 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	0.5	0.5
VSWR max.	1.1	1.2	1.2	1.25
Power rating	2 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

Surface Plating

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

Piece Part (side 2)

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

Surface Plating

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

Related Documents

Outline drawing DOU-00005269

Ordering Information

Single packaging 6806.17.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.



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