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 (±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)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	Gold Plating (without Nickel underplating)
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

Piece Part (side 2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	Gold Plating (without Nickel underplating)
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

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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