Data Sheet

HUBER+SUHNER

RF Attenuator
6803.19.A

Description

Standard Attenuator, Low Power



Product Configuration

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

Technical Data

Electrical Data

Nominal impedance	50 Ω			
Nominal attenuation	3 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 (±dB)	0.3	0.3	0.5	0.8
VSWR max.	1.1	1.2	1.2	1.35
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, 5 µs pulse, 0.05 % duty cycle			

Mechanical Data

Weight	0.008 kg

Environmental Data

Operating temperature	-55 °C to 130 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Copper Beryllium Alloy	Gold Plating
Body	Copper Beryllium Alloy	Gold Plating
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating
Piece Part (side2)	**Material**	**Surface Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Copper Beryllium Alloy	Gold Plating
Body	Copper Beryllium Alloy	Gold Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing	DCA-00005292

Ordering Information

Single packaging	6803.19.A

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 information purposes only.

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