Data Sheet

HUBER+SUHNER

RF Attenuator
5903.19.0001

Description

Standard Attenuator, Medium 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 6 GHz	
Frequency sub range (GHz)	DC to 2	2 to 6
Attenuation deviation (±dB)	0.2	0.3
VSWR max.	1.1	1.25
Power rating	10 Watt average power up to 30 ˚C ambient temperature, linearly derated to 0 Watt at 130 ˚C ambient temperature. Convection cooled. 500 Watt peak power, 5 µs pulse, 0.05 % duty cycle	

Mechanical Data

Weight	0.187 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	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	
Coupling nut	Bronze	SUCOPLATE (R) Plating
Piece Part (side2)	**Material**	**Surface Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Copper Beryllium Alloy	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	

Related Documents

Outline drawing	DOU-00005317

Ordering Information

Single packaging	5903.19.0001
Important note	WARNING Beryllia Ceramic Inside! DO NOT sand, scrap or tamper with. Dispose in accordance with all relevant regulations.

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.