Data Sheet

HUBER+SUHNER

RF Attenuator
6803.17.B

Description

Precision Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2)	N-precision plug (male) / N-precision jack (female)
Interface Standards	IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

Nominal impedance	50 Ω			
Nominal attenuation	3 dB			
Frequency range	DC to 18 GHz			
Frequency sub range (GHz)	DC to 6	6 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	1.15	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	0.086 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	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	**Material**	**Surface Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	

Related Documents

Outline drawing	DOU-00005244

Ordering Information

Single packaging	6803.17.B

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