Data Sheet

HUBER+SUHNER

RF Attenuator
6803_N-50-1/1--_N

Description

Standard Attenuator Low Power

Product Configuration

Connector (side 1 / side 2)	N plug (male) / N 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 6 GHz
Attenuation deviation (±dB)	0.3
VSWR max.	1.25
Power rating	2 Watt average power up to 25 ˚C ambient temperature, linearly derated to 0.2 Watt at 100 ˚C ambient temperature. 250 Watt peak power, 5 µs pulse, 0.4 % duty cycle

Mechanical Data

Weight	0.055 kg

Environmental Data

Operating temperature	-55 °C to 125 °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	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PEI (Polyether-imide)	
Coupling nut	Brass	Tri-metal Plating
Gasket	VMQ (Silicone rubber)	
Piece Part (side2)	**Material**	**Surface Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PEI (Polyether-imide)	

Related Documents

Outline drawing	DOU-01161234

Ordering Information

85177126	6603_N-50-1/1--_NE

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