Data Sheet

HUBER+SUHNER

RF Attenuator
5903_N-50-6/199_N

Description

Standard Attenuator, Medium 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	
Frequency sub range (GHz)	DC to 4	4 to 6
Attenuation deviation (±dB)	0.3	0.3
VSWR max.	1.15	1.2
Power rating	5 Watt average power up to 25 ˚C ambient temperature, linearly derated to 1 Watt at 125 ˚C ambient temperature.	

Mechanical Data

Weight	0.052 kg

Environmental Data

Operating temperature	-65 °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	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)
Piece Part (side2)	**Material**	**Surface Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	

Related Documents

Outline drawing	DOU-00113012

Ordering Information

Single packaging	5903_N-50-6/199_NE

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