Data Sheet

HUBER+SUHNER

RF Attenuator 5910_N-50-1/133_N

Description

Standard Attenuator, High 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 10 dB DC to 6 GHz Frequency range Attenuation deviation (±dB) 0.8

1.25 VSWR max

100 Watt average power up to 25 °C ambient temperature, linearly derated to 10 Watt at 100 °C ambient Power rating

temperature.

5 kW peak power, 5 µs pulse, 0.5 % duty cycle

Mechanical Data

Weight 1.450 kg

Environmental Data

-55 °C to 125 °C Operating temperature 2011/65/EU (RoHS - including compliant 2015/863 and 2017/2102)

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Brass	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Body/Heat Sink	Aluminium	Anodized
Piece Part (side2)	Material	Surface Plating
Piece Part (side2) Centre contact	Material Copper Beryllium Alloy	Surface Plating Gold Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Centre contact Outer contact	Copper Beryllium Alloy Brass	Gold Plating Tri-metal Plating

Related Documents

Outline drawing DOU-01168092

Ordering Information

85177212 5910_N-50-1/133_NE

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

www.hubersuhner.com

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