### **Data Sheet**

# **HUBER+SUHNER**

## RF Attenuator 5910\_N-50-010/133\_N

Description

Standard Attenuator, Medium Power



#### **Product Configuration**

Connector (side 1 / side 2) Interface Standards N plug (male) / N jack (female)

IEC 60169-16\_MIL-STD-348A/304\_CECC 22210

#### **Technical Data**

#### **Electrical Data**

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 10 \ dB \\ \mbox{Frequency range} & DC \ to \ 18 \ GHz \\ \mbox{Attenuation deviation (<math>\pm$ dB)} & 0.6 \\ \end{array}

VSWR max. 1.45

Power rating 10 Watt average power up to 25 °C ambient temperature, linearly derated to 1 Watt at 100 °C ambient

temperature.

500 Watt peak power, 5 µs pulse, 1 % duty cycle

**Mechanical Data** 

Weight 0.090 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)

-55 °C to 100 °C compliant

#### **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		
Coupling nut	Brass	Tri-metal Plating
Body/Heat Sink	Aluminium	Anodized
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)	
Body/Heat Sink	Aluminium	Anodized

#### **Related Documents**

Outline drawing DOU-01161267

**Ordering Information** 

85170608 5910\_N-50-010/133\_NE

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

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Page 1/1

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