# **Data Sheet**

# **HUBER+SUHNER**

# RF Attenuator 6615\_SMA-50-1/199\_N

Description

Standard Attenuator, Low Power



## **Product Configuration**

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

IEC 60169-15\_MIL-STD-348A/310\_CECC 22110

#### **Technical Data**

#### **Electrical Data**

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 15 \ \mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 18 GHz} \end{array}$ 

Attenuation deviation (±dB) 0.8
VSWR max. 1.3

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 0.006 kg

**Environmental Data** 

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

#### **Material Data**

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)
Coupling nut	Otali licos Oteci	r assivated (r lating)
Piece Part (side2)	Material	Surface Plating
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Piece Part (side2)	Material	Surface Plating
Piece Part (side2) Centre contact	Material Copper Beryllium Alloy	Surface Plating Gold Plating

### **Related Documents**

Outline drawing DOU-01161229

## **Ordering Information**

85177146 6615\_SMA-50-1/199\_NE

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

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