# **Data Sheet**



# RF Attenuator 6620\_SMA-50-3/199\_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** 

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 20 \ \mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 23 GHz} \end{array}$ 

Frequency sub range (GHz) DC to 4 4 to 8 8 to 12.4 12.4 to 18 18 to 23 Attenuation deviation (±dB) 0.5 0.5 0.5 0.5 0.6 VSWR max. 1.25 1.35 1.4

2 Watt average power up to 25 °C ambient temperature, linearly derated to 0.5 Watt at 125 °C ambient

temperature

250 Watt peak power, 5 µs pulse, 0.05 % duty cycle

**Mechanical Data** 

Power rating

Weight 0.004 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °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)
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	

## **Related Documents**

Outline drawing DOU-00121644

# **Ordering Information**

Single packaging 6620\_SMA-50-3/199\_NE

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

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.