# **Data Sheet**

# **HUBER+SUHNER**

# **RF Attenuator** 6605\_SMA-50-2/199\_N Description

Standard Attenuator, Low Power



## **Product Configuration**

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

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

# **Technical Data**

#### **Electrical Data**

Nominal impedance 50 Ω Nominal attenuation 5 dB DC to 6 GHz Frequency range Attenuation deviation (±dB) 0.4

1.25 VSWR max

2 Watt average power up to 25 °C ambient temperature, linearly derated to 0.2 Watt at 100 °C ambient Power rating

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)
Couping nat	Cidilinoco Cicol	r doorvated (r lating)
Piece Part (side2)	Material	Surface Plating
		· · · · · · · · · · · · · · · · · · ·
Piece Part (side2)	Material	Surface Plating
Piece Part (side2) Centre contact	Material Copper Beryllium Alloy	Surface Plating Gold Plating

### **Related Documents**

Outline drawing DOU-01118059

## **Ordering Information**

85177117 6605\_SMA-50-2/199\_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. Document: 6605\_SMA-50-2/199\_NE / date of publication: 04.11.2022 / uncontrolled copy Page 1/1

Uncontrolled copy DOC-0001172540 / A / Released Date: 04-Nov-2022