# **Data Sheet**

# **HUBER+SUHNER**

# RF Attenuator 6606\_SK-50-1

# **Description**

Standard Attenuator, Low Power



# **Product Configuration**

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

MIL-STD-348A/323

## **Technical Data**

**Electrical Data** 

Nominal impedance  $50~\Omega$ Nominal attenuation  $6~\mathrm{dB}$ 

Frequency range DC to 40 GHz

 Frequency sub range (GHz)
 DC to 18
 18 to 26.5
 26.5 to 40

 Attenuation deviation (±dB)
 0.5
 0.5
 0.8

 VSWR max.
 1.3
 1.4
 1.4

Power rating 0.5 Watt average power up to 25 °C ambient temperature, linearly derated to 0.1 Watt at 125 °C ambient

temperature.

**Mechanical Data** 

Weight 0.0058 kg

**Environmental Data** 

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

#### **Material Data**

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold / Silver Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Coupling nut	Stainless Steel	
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold / Silver Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)

## **Related Documents**

Outline drawing DOU-00134364

## **Ordering Information**

Single packaging 6606\_SK-50-1/199\_NE

#### **Additional Information**

### Remarks

RF leakage min. 90 dB

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

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