# **Data Sheet**



# RF Attenuator 6803.01.A

# **Description**

Standard Attenuator, Low Power



# **Product Configuration**

Connector (side 1 / side 2) Interface Standards BNC plug (male) / BNC jack (female) IEC 60169-8\_MIL-STD-348A/301\_CECC 22120

### **Technical Data**

#### **Electrical Data**

 $\begin{array}{lll} \mbox{Nominal impedance} & \mbox{50 } \Omega \\ \mbox{Nominal attenuation} & \mbox{3 dB} \\ \mbox{Frequency range} & \mbox{DC to 4 GHz} \end{array}$ 

 Frequency sub range (GHz)
 DC to 2
 2 to 4

 Attenuation deviation (±dB)
 0.3
 0.5

 VSWR max.
 1.1
 1.2

Power rating 2 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient

temperature.

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

#### **Mechanical Data**

Weight 0.025 kg

#### **Environmental Data**

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -55 °C to 130 °C compliant

## **Material Data**

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing DOU-00005238

# Ordering Information

Single packaging 6803.01.A

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

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