## **Data Sheet**



# RF Attenuator 6920.02.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** 

 $\begin{array}{lll} \mbox{Nominal impedance} & 75~\Omega \\ \mbox{Nominal attenuation} & 20~\mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 1 GHz} \end{array}$ 

 Frequency sub range (GHz)
 DC to 0.5
 0.5 to 0.7
 0.7 to 1

 Attenuation deviation (±dB)
 0.5
 0.5
 0.8

 VSWR max.
 1.1
 1.2
 1.2

Power rating 0.4 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	Brass	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
Piece Part (side2) Centre contact	Material Copper Beryllium Alloy	Surface Plating Gold Plating
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Centre contact	Copper Beryllium Alloy	Gold Plating
Centre contact Outer contact	Copper Beryllium Alloy Brass	Gold Plating SUCOPLATE (R) Plating

### **Related Documents**

Outline drawing DOU-00005308

#### **Ordering Information**

Single packaging 6920.02.A

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