# **Data Sheet**



# RF Attenuator 5920 SMA-50-005/19- N

# **Description**

Standard Attenuator, Medium 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** 

 $\begin{array}{ll} \mbox{Nominal impedance} & \mbox{50 } \Omega \\ \mbox{Nominal attenuation} & \mbox{20 dB} \end{array}$ 

Frequency range DC to 18 GHz

 Frequency sub range (GHz)
 DC to 4
 4 to 8
 8 to 12.4
 12.4 to 18

 Attenuation deviation (±dB)
 0.5
 0.5
 0.5
 0.5

 VSWR max.
 1.15
 1.2
 1.25
 1.35

Power rating 5 Watt average power up to 25 °C ambient temperature, linearly derated to 1 Watt at 125 °C ambient

temperature.

**Mechanical Data** 

Weight 0.01 kg

**Environmental Data** 

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

# **Material Data**

Centre contact       Copper Beryllium Alloy       Gold Plating (without Nickel underplating)         Outer contact       Stainless Steel       Passivated (Plating)         Body       Aluminium       Anodized         Coupling nut       Stainless Steel       Passivated (Plating)
Body Aluminium Anodized
Coupling nut Stainless Steel Passivated (Plating)
Piece Part (side2) Material Surface Plating
Centre contact Copper Beryllium Alloy Gold Plating (without Nickel underplating)
Outer contact Stainless Steel Passivated (Plating)
Body Aluminium Anodized

#### **Related Documents**

Outline drawing DOU-00121326

# **Ordering Information**

Single packaging 5920\_SMA-50-005/19-\_NE

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