# **Data Sheet**

# RF Attenuator 5930\_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** 

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 30 \ \mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 18 GHz} \end{array}$ 

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

 Attenuation deviation (±dB)
 0.75
 0.75
 0.75
 0.75

 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 -65 °C to 125 °C 2011/65/EU (RoHS) compliant

#### **Material Data**

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	
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
Insulator	PTFE (Polytetrafluoroethylene)	

## **Related Documents**

Outline drawing DOU-00121326

### **Ordering Information**

Single packaging 5930\_SMA-50-005/19-\_NE

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