Data Sheet



RF Attenuator 6610_SMA-50-3/199_N

Description

Standard Attenuator, Low 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

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 10 \ \mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 23 GHz} \end{array}$

Frequency sub range (GHz) DC to 4 4 to 8 8 to 12.4 12.4 to 18 18 to 23 Attenuation deviation (±dB) 0.5 0.5 0.5 0.5 0.6 VSWR max. 1.25 1.35 1.4

2 Watt average power up to 25 $^{\circ}\text{C}$ ambient temperature, linearly derated to 0.5 Watt at 125 $^{\circ}\text{C}$ ambient

temperature.

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

Mechanical Data

Power rating

Weight 0.004 kg

Environmental Data

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

Material Data

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

Related Documents

Outline drawing DOU-00121527

Ordering Information

Single packaging 6610_SMA-50-3/199_NE

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

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