

RF Attenuator 6620_SMA-50-3/199_N

Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) SMA plug (male) / SMA jack (female)
Interface Standards IEC 60169-15_MIL-STD-348A/310_CECC 22110

Technical Data

Electrical Data

Nominal impedance 50 Ω
Nominal attenuation 20 dB
Frequency range DC to 23 GHz
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. 1.15 1.2 1.25 1.35 1.4
Power rating 2 Watt average power up to 25 °C ambient temperature, linearly derated to 0.5 Watt at 125 °C ambient temperature.
250 Watt peak power, 5 μs pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.004 kg

Environmental Data

Operating temperature -65 °C to 125 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102) 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-00121644

Ordering Information

Single packaging 6620_SMA-50-3/199_NE

Mouser Electronics

Authorized Distributor

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