

RF Attenuator 6609_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 | 9 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) 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 6609_SMA-50-3/199_NE