

RF Attenuator 5920_SMA-50-010/19-_N

Description

Standard Attenuator, Medium 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 18 GHz | | |
| Frequency sub range (GHz) | DC to 6 | 6 to 12.4 | 12.4 to 18 |
| Attenuation deviation (±dB) | 0.3 | 0.3 | 0.5 |
| VSWR max. | 1.2 | 1.3 | 1.4 |
| Power rating | 10 Watt average power up to 25 °C ambient temperature, linearly derated to 2 Watt at 125 °C ambient temperature. 500 Watt peak power, 5 μs pulse, 0.05 % duty cycle | | |

Mechanical Data

| | |
|--------|----------|
| Weight | 0.025 kg |
|--------|----------|

Environmental Data

| | |
|--|-------------------------------|
| Operating temperature 2011/65/EC (RoHS) | -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 | Aluminium | Anodized |
| 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 | Aluminium | Anodized |
| Insulator | PTFE (Polytetrafluoroethylene) | |

Related Documents

| | |
|-----------------|--------------|
| Outline drawing | DOU-00121742 |
|-----------------|--------------|

Ordering Information

| | |
|------------------|------------------------|
| Single packaging | 5920_SMA-50-010/19-_NE |
|------------------|------------------------|

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