

RF Attenuator 5903_N-50-010/199_N

Description

Standard Attenuator, Medium Power



Product Configuration

| | |
|-----------------------------|--|
| Connector (side 1 / side 2) | N plug (male) / N jack (female) |
| Interface Standards | IEC 60169-16_MIL-STD-348A/304_CECC 22210 |

Technical Data

Electrical Data

| | | | |
|-----------------------------------|---|-----------|------------|
| Nominal impedance | 50 Ω | | |
| Nominal attenuation | 3 dB | | |
| Frequency range | DC to 18 GHz | | |
| Frequency sub range (GHz) | DC to 6 | 6 to 12.4 | 12.4 to 18 |
| Attenuation deviation (\pm 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 μ s pulse, 0.05 % duty cycle | | |

Mechanical Data

| | |
|--------|----------|
| Weight | 0.064 kg |
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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 (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-00112627 |
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Ordering Information

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| Single packaging | 5903_N-50-010/199_NE |
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