Data Sheet



RF Attenuator 5903_N-50-010/199_N

Description

Standard Attenuator, Medium Power



Product Configuration

Connector (side 1 / side 2) Interface Standards N plug (male) / N jack (female)

IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

Nominal impedance $50\,\Omega$ Nominal attenuation $3\,\mathrm{dB}$

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 0.064 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 (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

Ordering Information

Single packaging 5903_N-50-010/199_NE

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

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HUBER+SUHNER: 5903_N-50-010/199_NE