Data Sheet

RF Attenuator 6810.19.A



Description

Standard Attenuator, Low Power



Product Configuration

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

Technical Data

Electrical Data

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 10 \ \mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 18 GHz} \end{array}$

 Frequency sub range (GHz)
 DC to 4
 4 to 8
 8 to 12.4
 12.4 to 18

 Attenuation deviation (±dB)
 0.3
 0.3
 0.6
 0.8

 VSWR max.
 1.1
 1.2
 1.2
 1.35

Power rating 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient

temperature.

500 Watt peak power, 5 µs pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.008 kg

Environmental Data

Operating temperature -55 °C to 130 °C 2011/65/EU (RoHS) compliant

Material Data

Centre contact Copper Beryllium Alloy Gold Plating Outer contact Copper Beryllium Alloy Gold Plating Body Copper Beryllium Alloy Gold Plating Insulator PFA / PTFE Coupling put
Body Copper Beryllium Alloy Gold Plating Insulator PFA / PTFE
Insulator PFA / PTFE
Coupling put
Coupling nut Bronze Gold Plating
Piece Part (side2) Material Surface Plating
Centre contact Copper Beryllium Alloy Gold Plating
Outer contact Copper Beryllium Alloy Gold Plating
Body Copper Beryllium Alloy Gold Plating
Insulator PFA / PTFE

Related Documents

Outline drawing DCA-00005292

Ordering Information

Single packaging 6810.19.A

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: 6810.19.A