Data Sheet

RF Attenuator 6830.01.A



Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) Interface Standards BNC plug (male) / BNC jack (female) IEC 60169-8_MIL-STD-348A/301_CECC 22120

Technical Data

Electrical Data

 $\begin{array}{lll} \mbox{Nominal impedance} & \mbox{50 } \Omega \\ \mbox{Nominal attenuation} & \mbox{30 dB} \\ \mbox{Frequency range} & \mbox{DC to 4 GHz} \end{array}$

 Frequency sub range (GHz)
 DC to 2
 2 to 4

 Attenuation deviation (±dB)
 1
 1

 VSWR max.
 1.1
 1.2

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 0.025 kg

Environmental Data

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

Material Data

| Piece Part (side 1) | Material | Surface Plating |
|---------------------|------------------------|-----------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating |
| Outer contact | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PFA / PTFE | |
| Coupling nut | Brass | SUCOPLATE (R) Plating |
| Piece Part (side2) | Material | Surface Plating |
| Centre contact | Copper Beryllium Alloy | Gold Plating |
| Outer contact | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PFA / PTFE | |

Related Documents

Outline drawing DOU-00005238

Ordering Information

Single packaging 6830.01.A

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

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