Data Sheet



RF Attenuator 5910_N-50-1/199_N

Description

Standard Attenuator, High 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

 $\begin{array}{lll} \mbox{Nominal impedance} & \mbox{50 } \Omega \\ \mbox{Nominal attenuation} & \mbox{10 dB} \\ \mbox{Frequency range} & \mbox{DC to 6 GHz} \end{array}$

 Frequency sub range (GHz)
 DC to 1.5
 1.5 to 2.5
 2.5 to 6

 Attenuation deviation (±dB)
 0.75
 0.75
 2.5

 VSWR max.
 1.25
 1.35
 1.45

Power rating 100 Watt average power up to 25 °C ambient temperature, linearly derated to 20 Watt at 125 °C ambient

temperature.

Free airflow convection necessary to ensure power performances. Unit is unidirectional, therefore don't swap input with output (note: input is usually on the male side, otherwise follow instructions on the heatsink)

1000 Watt peak power, 5 µs pulse, 0.05 % duty cycle

Mechanical Data

Weight 1.12 kg

Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -55 °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
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

Related Documents

Outline drawing DOU-00112569

Ordering Information

Single packaging 5910_N-50-1/199_NE

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

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