Data Sheet



RF Attenuator 5910_N-50-050/19-_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

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 10 \ \mbox{dB} \\ \mbox{Frequency range} & DC \ \mbox{to 6 GHz} \\ \mbox{Attenuation deviation (<math>\pm \mbox{dB}$)} & 0.75 \\ \mbox{VSWR max.} & 1.25 \\ \end{array}

Power rating 50 Watt average power up to 25 °C ambient temperature, linearly derated to 10 Watt at 125 °C ambient

temperature.

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

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

Mechanical Data

Weight 0.53 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-00122190

Ordering Information

Single packaging 5910_N-50-050/19-_NE

Additional Information

Data Sheet



RF Attenuator 5910_N-50-050/19-_N

Remarks

Free airflow convection necessary to ensure power performances

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: 5910_N-50-050/19-_NE