# **Data Sheet**

# **RF Attenuator** 5920\_N-50-050/19-\_N



## **Description**

Standard Attenuator, High Power



## **Product Configuration**

Connector (side 1 / side 2)

N plug (male) / N jack (female) Interface Standards

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

#### **Technical Data**

#### **Electrical Data**

Nominal impedance 50 Ω 20 dB Nominal attenuation DC to 6 GHz Frequency range Attenuation deviation (±dB) 0.75 VSWR max. 1.25

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

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 -65 °C to 125 °C 2011/65/EU (RoHS) 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)
0.1		
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel Aluminium	Passivated (Plating)  Anodized
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## **Related Documents**

DOU-00122190 Outline drawing

## **Ordering Information**

Single packaging 5920\_N-50-050/19-\_NE

#### **Additional Information**

#### Remarks

Free airflow convection necessary to ensure power performances

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