# **Data Sheet**

# **RF Attenuator** 5930\_N-50-050/19-\_N

# **HUBER+SUHNER** Excellence in Connectivity Solutions

## **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**

Nominal impedance 50 Ω Nominal attenuation 30 dB 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)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	

### **Related Documents**

Outline drawing DOU-00122190

### **Ordering Information**

5930\_N-50-050/19-\_NE Single packaging

# **Data Sheet**

RF Attenuator 5930\_N-50-050/19-\_N



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.