

# HUBER+SUHNER® DATA SHEET

## RF ATTENUATOR: Type 5920\_N-50-200/19-\_N



Rev.: D

### Description

Standard Attenuator, High Power

### Product Configuration

Connectors (side 1 / side 2) N plug (male) / N jack (female)  
Interface standard IEC 60169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Nominal impedance	50 $\Omega$
Nominal attenuation	20 dB
Frequency range	DC to 4 GHz
Frequency sub range (GHz)	DC to 1.5    1.5 to 2.5    2.5 to 4
Attenuation deviation ( $\pm$ dB)	0.75            1            1.5
VSWR max.	1.15            1.25            1.35
Power rating	200 Watt average power up to 25 °C ambient temperature, linearly derated to 40 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) 2000 Watt peak power, 5 $\mu$ s pulse, 0.05 % duty cycle

#### Mechanical Data

Weight kg

#### Environmental Data

Operating temperature (°C) -54 to 125  
2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Part (side 1)

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Aluminium
Coupling nut	Stainless Steel

##### Surface Plating

Gold Plating (without Nickel underplating)  
Passivated (Plating)  
Anodized  
Passivated (Plating)

##### Piece Part (side 2)

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Aluminium

##### Surface Plating

Gold Plating (without Nickel underplating)  
Passivated (Plating)  
Anodized

### Related Documents

Outline drawing DOU-00122366

### Ordering Information

Single packaging 5920\_N-50-200/19-\_NE

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

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