

# HUBER+SUHNER® DATA SHEET

## RF ATTENUATOR: Type 5910\_N-50-010/199\_N

Rev.: D



### Description

Standard Attenuator, Medium 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 10 dB  
Frequency range DC to 18 GHz  
Frequency sub range (GHz) DC to 6 6 to 12.4 12.4 to 18  
Attenuation deviation ( $\pm$ dB) 0.5 0.5 0.7  
VSWR max. 1.2 1.3 1.4  
Power rating 10 Watt average power up to 25 °C ambient temperature, linearly derated to 2 Watt at 125 °C ambient temperature.  
500 Watt peak power, 5  $\mu$ s pulse, 0.05 % duty cycle

#### Mechanical Data

Weight kg

#### Environmental Data

Operating temperature (°C) -65 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

##### 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  
Passivated (Plating)

##### Surface Plating

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

### Related Documents

Outline drawing DOU-00112627

### Ordering Information

Single packaging 5910\_N-50-010/199\_NE

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

#### 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 informational purposes only.



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