

# HUBER+SUHNER® DATA SHEET

## RF TERMINATION: Type 6500\_N-50-1/199\_N

Rev.: C



### Description

Precision Termination, Low Power

### Product Configuration

Connector N-precision plug (male)  
Interface standard IEC 60169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Nominal impedance 50  $\Omega$   
Frequency range DC to 18 GHz  
Frequency sub range (GHz) DC to 4    4 to 8    8 to 12.4    12.4 to 18  
VSWR max. 1.03    1.04    1.05    1.06  
Power rating 2 Watt average power up to 25 °C ambient temperature, linearly derated to 1 Watt at 125 °C ambient temperature.  
1000 Watt peak power, 5  $\mu$ s pulse, 0.05 % duty cycle

#### Mechanical Data

Weight kg

#### Environmental Data

Operating temperature -65 °C to 125 °C  
2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Part

Centre contact Copper Beryllium Alloy  
Outer contact Stainless Steel  
Body Stainless Steel  
Insulator

##### Surface Plating

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

### Related Documents

Outline drawing DOU-00120720

### Ordering Information

Single packaging 6500\_N-50-1/199\_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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