

# HUBER+SUHNER® DATA SHEET

## Within Series Adaptor: 31\_N-50-0-2/133\_N

### Description

Adaptor jack/jack  
 N jack (female) / N jack (female)  
 Interface standard  
 Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	12.4 GHz		
Frequency range	DC to 2 GHz	2 to 8 GHz	8 to 12.4 GHz
Return loss	≥ 30 dB	≥ 15 dB	≥ 10 dB

#### Mechanical Data

Number of matings	500
Weight	0.0411 kg

#### Environmental Data

Operating Temperature	-65 °C to 165 °C
2002/95/EC (RoHS)	compliant

#### Material Data

##### Piece Parts

##### Interface - N jack (female)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

##### Surface Plating

Gold Plating (Nickel underplated)  
 SUCOPLATE (R) Plating  
 SUCOPLATE (R) Plating

##### Interface - N jack (female)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

Gold Plating (Nickel underplated)  
 SUCOPLATE (R) Plating  
 SUCOPLATE (R) Plating

### Related Documents

#### Ordering Information

Tray package	31_N-50-0-2/133_NY
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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 contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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