

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 31\_N-SMA-50-1/1--\_U



### Description

Adaptor jack/jack  
N jack (female) / SMA jack (female)

Interface standards  
IEC 60169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	12.4 GHz		
Frequency range	DC to 4 GHz	4 to 8 GHz	8 to 12.4 GHz
Return loss	≥ 25 dB	≥ 22 dB	≥ 20 dB

#### Mechanical Data

Number of matings	500
Weight	0.0198 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts (N)

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

##### Surface Plating

Gold Plating (without Nickel underplating)  
SUCOPLATE (R) Plating  
SUCOPLATE (R) Plating

##### Piece Parts (SMA)

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

##### Surface Plating

Gold Plating (without Nickel underplating)  
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### Related Documents

Catalogue drawing	DCA-00014582
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### Ordering Information

Single package	31_N-SMA-50-1/1--_UE
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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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