

# HUBER+SUHNER® DATA SHEET

## Between Series Adaptor: 32\_N-SMA-50-1/11-\_N

Rev.: G 

### Description

Adaptor plug/plug  
N plug (male) / SMA plug (male)

Interface standards

Series N - IEC 60169-16\_MIL-STD-348A/304\_CECC 22210  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 12.4 GHz ≤ 1.05 + 0.017 f (GHz)

#### Mechanical Data

Number of matings	500
Weight	0.0316 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts

##### Interface - N plug (male)

	Material
Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Brass
Insulator	PTFE
Coupling nut	Brass
Gasket	MVQ (Silicone Rubber)

##### Interface - SMA plug (male)

Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Brass
Insulator	PTFE
Coupling nut	Bronze
Gasket	MVQ (Silicone Rubber)

##### Surface Plating

Hard Au min. 1.3 µm  
Gold Plating (without Nickel underplating)  
SUCOPLATE min. 0.5 µm over Ag min. 2 µm

Sucoplate min. 2 µm

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

Gold Plating (without Nickel underplating)

### Related Documents

#### Ordering Information

Single package	32_N-SMA-50-1/11-_NE
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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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