

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 32\_N-SMC-50-1/1--\_N



### Description

Adaptor plug/plug  
N plug (male) / SMC plug (male)

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



### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	10 GHz		
Frequency range	DC to 2 GHz	2 to 4 GHz	4 to 10 GHz
Return loss	≥ 26 dB	≥ 20 dB	≥ 15 dB

#### Mechanical Data

Number of matings	500
Weight	0.0264 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts (N)

Centre contact	<b>Material</b> Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE
Coupling nut	Brass
Gasket	MVQ (Silicone Rubber)

##### Surface Plating

Hard Au min. 1.3 µm
SUCOPLATE (R) Plating
Hard Au min. 0.8 µm over Ni min. 1.3 µm
Hard Au min. 0.8 µm over Ni min. 1.3 µm

##### Piece Parts (SMC)

Centre contact	<b>Material</b> Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE
Coupling nut	Brass

##### Surface Plating

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

### Related Documents

#### Ordering Information

Single package	32_N-SMC-50-1/1--_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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