

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 32\_N-SMA-50-51/1--\_U



### Description

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

Interface standards  
IEC 60169-16\_MIL-STD-348A/402\_CECC 22210



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz ≤ 1.025 + 0.007 f
Electrical Length	42.95 mm +/- 0.1

#### Mechanical Data

Number of matings	500
Weight	0.0404 kg

#### Environmental Data

Operating Temperature 2002/95/EC (RoHS)	13 °C to 33 °C compliant
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#### Material Data

##### Piece Parts (N-precision)

Centre contact	<b>Material</b> Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Stainless Steel
Insulator	Air Dielectric - Bead - PPH
Coupling nut	Brass

##### Piece Parts (SMA-precision)

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

##### Surface Plating

Gold Plating (without Nickel underplating)

SUCOPLATE (R) Plating

##### Surface Plating

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

Gold Plating (without Nickel underplating)

### Related Documents

#### Ordering Information

Single package	32_N-SMA-50-51/1--_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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