

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 33\_N-4195-50-51/1-3\_U



### Description

Adaptor plug/jack  
N-precision plug (male) / 4.1/9.5 jack (female)

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



### Technical Data

#### Electrical Data

Impedance	50 Ω	
Interface frequency max.	14 GHz	
Frequency range	DC to 6 GHz	6 to 14 GHz
Return loss	≥ 32 dB	≥ 24 dB
Electrical Length	46.57 mm +/- 0.1	

#### Mechanical Data

Number of matings	500
Weight	0.0641 kg

#### Environmental Data

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

#### Material Data

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

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Stainless Steel
Insulator	Air Dielectric - Bead - PPH
Coupling nut	Brass

##### Piece Parts (4.1/9.5)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	Air Dielectric - Bead - PPH

##### Surface Plating

Gold Plating (without Nickel underplating)

SUCOPLATE (R) Plating

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

Outline drawing	DOU-00014329
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### Ordering Information

Single package	33_N-4195-50-51/1-3_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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