

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 33\_N-SMC-50-1/1--\_N

Rev.: C



### Description

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

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



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$		
Interface frequency max.	10 GHz		
Frequency range	DC to 2 GHz	2 to 4 GHz	4 to 10 GHz
Return loss	$\geq 26$ dB	$\geq 20$ dB	$\geq 15$ dB

#### Mechanical Data

Number of matings	500
Weight	0.0293 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts (N)

Centre contact	Brass
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE
Coupling nut	Brass
Gasket	MVQ (Silicone Rubber)

##### Piece Parts (SMC)

Centre contact	Brass
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

##### Surface Plating

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

##### Surface Plating

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

### Related Documents

#### Ordering Information

Single package	33_N-SMC-50-1/1--_NE
----------------	----------------------

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.



**HUBER+SUHNER**

**HUBER+SUHNER AG**  
**RF Technology**  
**9100 Herisau, Switzerland**  
Phone +41 (0)71 353 41 11  
Fax +41 (0)71 353 45 90  
[www.hubersuhner.com](http://www.hubersuhner.com)

**HUBER+SUHNER – Excellence in Connectivity Solutions**