

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 33\_SMA-SMB-50-1/111\_N

Rev.: B



### Description

Adaptor plug/jack  
SMA plug (male) / SMB jack (female)

Interface standards  
IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	GHz
VSWR	DC - 4 GHz ≤ 1.05 + 0.04 f

#### Mechanical Data

Number of matings	500
Weight	0.0064 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts (SMA)

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

##### Piece Parts (SMB)

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

##### Surface Plating

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

##### Surface Plating

Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)

### Related Documents

Outline drawing	DOU-00014224
-----------------	--------------

### Ordering Information

Single package	33_SMA-SMB-50-1/111_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 AG**  
RF Technology  
9100 Herisau, Switzerland  
Phone +41 (0)71 353 41 11  
Fax +41 (0)71 353 45 90  
www.hubersuhner.com

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

Document: DOC-0000195231 G

Issued: 20.07.07

Uncontrolled Copy

Page 1/1