

# HUBER+SUHNER® DATA SHEET

## Between Series Adaptor: 33\_SMA-BNC-50-1/1--\_N

Rev.: C 

### Description

Adaptor plug/jack  
SMA plug (male) / BNC jack (female)  
Interface standards  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110  
Series BNC -



### Technical Data

#### Electrical Data

Impedance 50 Ω  
Interface frequency max. 4 GHz  
VSWR DC - 4 GHz  
 $\leq 1.05 + 0.037 f \text{ (GHz)}$

#### Mechanical Data

Number of matings 500  
Weight 0.0082 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts

##### Interface - SMA plug (male)

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

##### Interface - BNC jack (female)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

##### Surface Plating

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

Gold Plating (Nickel underplated)

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

### Related Documents

#### Ordering Information

Single package 33\_SMA-BNC-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.



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