

# HUBER+SUHNER® DATA SHEET

## Within Series Adaptor: 33\_SMA-50-0-1/111\_N

Rev.: H



### Description

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



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz $\leq 1.05 + 0.008 f \text{ (GHz)}$

#### Mechanical Data

Number of matings	500
Weight	0.0051 kg

#### Environmental Data

Operating Temperature	-65 °C to 125 °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	VMQ (Silicone rubber)

##### Interface - SMA jack (female)

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

##### Surface Plating

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

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### Related Documents

#### Ordering Information

Single package	33_SMA-50-0-1/111_NE
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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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