

# HUBER+SUHNER® DATA SHEET

## Within Series Adaptor: 31\_SMA-50-0-1/111\_N



### Description

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



### Technical Data

#### Electrical Data

Impedance 50 Ω  
Interface frequency max. 18 GHz  
VSWR DC - 18 GHz  
≤ 1.05 + 0.01 f (GHz)

#### Mechanical Data

Number of matings 500  
Weight 0.0015 kg

#### Environmental Data

Operating Temperature -65 °C to 125 °C  
2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Parts

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

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

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

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

### Related Documents

#### Ordering Information

Single package 31\_SMA-50-0-1/111\_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**