

# HUBER+SUHNER® DATA SHEET

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

Rev.: C



### Description

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

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



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	6 GHz
VSWR	DC - 6 GHz ≤ 1.03 + 0.03 f

#### Mechanical Data

Number of matings	500
Weight	0.0062 kg

#### Environmental Data

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

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)

##### Surface Plating

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

### Related Documents

#### Ordering Information

Single package	33_SMA-MCX-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 – Excellence in Connectivity Solutions**



**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