

# HUBER+SUHNER® DATA SHEET

## Between Series Adaptor: 33\_MBX-SMA-50-1/111\_N

Rev.: C



### Description

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



### Technical Data

#### Electrical Data

Impedance 50 Ω  
Interface frequency max. 6 GHz  
Frequency range DC to 6 GHz  
Return loss ≥ 28 dB

#### Mechanical Data

Number of matings 500  
Weight 0.002215 kg

#### Environmental Data

Operating Temperature -55 °C to 155 °C  
2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Parts

##### Interface - MBX plug (male)

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

##### Surface Plating

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

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

SUCOPRO Plating
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#### Related Documents

Outline drawing DOU-00146084

#### Ordering Information

Single package 33\_MBX-SMA-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

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