

# HUBER+SUHNER® DATA SHEET

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

Rev.: G



### Description

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



### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	12.4 GHz		
Frequency range	DC to 2.5 GHz	2.5 to 6 GHz	6 to 12.4 GHz
Return loss	≥ 32 dB	≥ 30 dB	≥ 16 dB

#### Mechanical Data

Number of matings	500
Weight	0.0018 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts

##### Interface - MMBX plug (male)

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

Hard Au min. 1.3 µm over Ni min. 1.3 µm  
 Hard Au min. 0.1 µm over NiP min. 2 µm  
 Hard Au min. 0.1 µm over NiP min. 2 µm

Gold Plating (Nickel underplated)  
 SUCOPRO Plating  
 SUCOPRO Plating

#### Related Documents

Outline drawing	DOU-00013973
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#### Ordering Information

Single package	33_MMBX-SMA-50-1/111_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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