

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 31\_MMBX-SMA-50-1/111\_N

Rev.: D



### Description

Adaptor jack/jack  
MMBX jack (female) / SMA jack (female)

Interface standards  
SUHNER-MMBX



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$		
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	$\geq 32$ dB	$\geq 30$ dB	$\geq 16$ dB

#### Mechanical Data

Number of matings	500
Weight	0.0027 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts (MMBX)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	LCP

##### Surface Plating

Gold Plating (Nickel underplated)  
SUCOPRO Plating  
SUCOPRO Plating

##### Piece Parts (SMA)

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

##### Surface Plating

Gold Plating (Nickel underplated)  
SUCOPRO Plating  
SUCOPRO Plating

### Related Documents

Outline drawing	DOU-00013964
Catalogue drawing	DCA-00013966

### Ordering Information

Single package	31_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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