## **Data Sheet**

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

#### Description

Adaptor jack/jack MMBX jack (female) / 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	0.0027 kg		
Environmental Data			
Operating temperature	-55 °C to 155 °C		
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant		
Material Data			
Interface - MMBX jack (female)			
Piece Parts	Material		Surface Plating
Centre contact	Copper Beryllium Alloy		Gold Plating (Nickel underplated)
Outer contact	Brass		SUCOPRO Plating
Body	Brass		SUCOPRO Plating
Insulator	LCP (Liquid crystal polymer)		

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	SUCOPRO Plating
Body	Copper Beryllium Alloy	SUCOPRO Plating
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing

DOU-00013964

#### **Ordering Information**

Single package

31\_MMBX-SMA-50-1/111\_NE

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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