

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

### Description

Adaptor jack/jack  
 MBX jack (female) / 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 $\Omega$
Interface frequency max.	6 GHz
Frequency range	DC to 6 GHz
Return loss	$\geq 28$ dB

#### Mechanical Data

Number of matings	500
Weight	0.002751 kg

#### Environmental Data

Operating temperature 2011/65/EU (RoHS)	-55 °C to 155 °C compliant
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#### Material Data

Interface - MBX jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Bronze	SUCOPRO Plating
Body	Bronze	SUCOPRO Plating
Insulator	PFA / PTFE / LCP	

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Bronze	SUCOPRO Plating
Body	Bronze	SUCOPRO Plating
Insulator	PFA / PTFE / LCP	

### Related Documents

Outline drawing	DOU-00162045
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### Ordering Information

Single package	31_MBX-SMA-50-1/111_NE
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# Mouser Electronics

Authorized Distributor

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