

## Between Series Adaptor 33\_SMA-MCX-50-1/111\_N

### Description

Adaptor plug/jack  
SMA plug (male) / MCX jack (female)



Interface standards  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110  
Series MCX - IEC 60169-36\_CECC 22220

### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	6 GHz
VSWR	DC - 6 GHz ≤ 1.03 + 0.03 f (GHz)

#### Mechanical Data

Number of matings	500
Weight	0.0062 kg

#### Environmental Data

Operating temperature 2011/65/EU (RoHS)	-65 °C to 125 °C compliant
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#### Material Data

Interface - SMA plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

Interface - MCX jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Brass	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	

### Related Documents

Catalogue drawing	DCA-00014241
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### Ordering Information

Single package	33_SMA-MCX-50-1/111_NE
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# Mouser Electronics

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