

## Between Series Adaptor 33\_1023-SMA-C50-1/111\_N

### Description

Adaptor plug/jack  
1.0/2.3 C50 plug (male) / SMA jack (female)

Interface standards  
Series 1.0/2.3 C50 - DIN 41626/2  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	4 GHz
Frequency range	DC to 4 GHz
Return loss	≥ 27 dB

#### Mechanical Data

Number of matings	500
Weight	0.0029 kg

#### Environmental Data

Operating temperature	-55 °C to 125 °C
2011/65/EU (RoHS)	compliant

#### Material Data

Interface - 1.0/2.3 C50 plug (male)

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

Interface - SMA jack (female)

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

### Related Documents

Outline drawing	DOU-00014438
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### Ordering Information

Single package	33_1023-SMA-C50-1/111_NE
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### Remarks

Insertion loss: < 0.1 dB up to 4 GHz

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