

## Between Series Adaptor 33\_SMC-N-50-1/1--\_N

### Description

Adaptor plug/jack  
SMC plug (male) / N jack (female)

Interface standards  
Series SMC - IEC 60169-9\_MIL-STD-348A/312\_CECC 22140  
Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$		
Interface frequency max.	10 GHz		
Frequency range	DC to 2 GHz	2 to 4 GHz	4 to 10 GHz
Return loss	$\geq 26$ dB	$\geq 20$ dB	$\geq 15$ dB

#### Mechanical Data

Number of matings	500
Weight	0.0201 kg

#### Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - SMC plug (male)

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

Interface - N jack (female)

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

### Related Documents

Catalogue drawing	DCA-00014211
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### Ordering Information

Single package	33_SMC-N-50-1/1--_NE
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# Mouser Electronics

Authorized Distributor

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