

## Between Series Adaptor 33\_N-SMC-50-1/1--\_N

### Description

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



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

### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	10 GHz		
Frequency range	DC to 2 GHz	2 to 4 GHz	4 to 10 GHz
Return loss	≥ 26 dB	≥ 20 dB	≥ 15 dB

#### Mechanical Data

Number of matings	500
Weight	0.0293 kg

#### Environmental Data

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

#### Material Data

Interface - N plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Brass	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Interface - SMC jack (female)

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

### Related Documents

Catalogue drawing	DCA-00014290
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### Ordering Information

Single package	33_N-SMC-50-1/1--_NE
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