

COAXIAL ADAPTER, N - SMC, 50 Ohm, jack / jack (female / female)

31_N-SMC-50-1/1--_N

Properties

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials

**Product configuration**

Interface type	Gender	Standard
N	jack (female)	IEC 61169-16_MIL-STD-348A/304_CECC 22210
SMC	jack (female)	IEC 60169-9_MIL-STD-348A/312_CECC 22140

Interface and material data

N		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
SMC		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	

Electrical data

Impedance	50 Ω
Interface frequency	10 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	26 dB	1.1
2 GHz ... 4 GHz	20 dB	1.2
4 GHz ... 10 GHz	15 dB	1.4

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Mechanical data	
Weight	0.0207 kg
Mating cycles	500

Environmental data	
Operation temperature	-65 °C ... 165 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22542389	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22542389	31_N-SMC-50-1/1--_NE	Single

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