

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

33_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	plug (male)	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	Brass	Gold Plating (without Nickel underplating)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
SMC		
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (without Nickel underplating)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	SUCOPLATE (R) Plating
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

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Electrical Data (frequency related)			
Frequency range		Return loss	VSWR
4 GHz ... 10 GHz		15 dB	1.4
Mechanical data			
Weight		0.0293 kg	
Mating cycles		500	
Environmental data			
Operation temperature		-65 °C ... 165 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22542423	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
22542423	33_N-SMC-50-1/1--_NE		Single

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