

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

33_SMC-BNC-50-2/1--_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
SMC	plug (male)	IEC 60169-9_MIL-STD-348A/312_CECC 22140
BNC	jack (female)	IEC 61169-8_MIL-STD-348A/301_CECC 22120

Interface and material data		
SMC		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	Gold Plating (Nickel underplated)
BNC		
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	

Electrical data	
Impedance	50 Ω
Interface frequency	4 GHz
VSWR	DC - 2 GHz ($\leq 1.03 + 0.095 f \text{ GHz}$)

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
2 GHz ... 4 GHz	20 dB	1.22

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Mechanical data	
Weight	0.006 kg
Mating cycles	500

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22640405	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
22640405	33_SMC-BNC-50-2/1--_NE

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