

COAXIAL ADAPTER, SMA - TNC, 50 Ohm, jack / jack (female / female)

31_SMA-TNC-50-1/1--_U

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
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CECC 22110
TNC	jack (female)	IEC 60169-17_MIL-STD-348A/313_CECC 22200

Interface and material data

SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	
TNC		
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	11 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	26.4 dB	1.1
2 GHz ... 6 GHz	20.8 dB	1.2

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Electrical Data (frequency related)			
Frequency range		Return loss	VSWR
6 GHz ... 11 GHz		17.7 dB	1.3
Mechanical data			
Weight		0.0079 kg	
Mating cycles		500	
Environmental data			
Operation temperature		-65 °C ... 165 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22640941	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
22640941	31_SMA-TNC-50-1/1--_UE		Single

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