

COAXIAL CONNECTOR, TNC, 50 Ohm, Straight cable jack (female)

21_TNC-50-4-16/133_N

Properties

- Threaded coupling mechanism improves control over the interface dimensions
- Used under a higher environmental load than BNC
- Available for 50 ohm and 75 ohm applications
- Applicable in frequencies up to 11 GHz


**CE UK
CA**
Product configuration

Interface type	Gender	Standard
TNC	jack	IEC 60169-17_MIL-STD-348A/313_CECC 22200

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	30 dB	1.065
2 GHz ... 4 GHz	27.4 dB	1.089
4 GHz ... 6 GHz	25.5 dB	1.112

Mechanical data

Weight	0.01412 kg
Mating cycles	500
Cable entry centre contact	plugged

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Mechanical data		
Cable entry outer contact	crimped	
Environmental data		
Operation temperature	-65 °C ... 165°C	
Ingress protection (IP Rating)	Mated / IP67	
Ordering Information Table		
Item number	Item description	Packaging type
84119563	21_TNC-50-4-16/133_NE	Single
Suitable cables		
Cable group	X9 - 4 mm / 50 Ohm X28 - 4 mm / 50 Ohm	
Suitable cables	SPUMA_240 SX_04172_B-60	
Additional Information		
Only as assembly	No	

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