

# COAXIAL CONNECTOR, TNC, 50 Ohm, Straight cable plug (male)

11\_TNC-50-4-52/133\_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



Product configuration		
Interface type	Gender	Standard
TNC	plug	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	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 $\Omega$
Interface frequency	15 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 11 GHz	20 dB	1.22
11 GHz ... 15 GHz	18 dB	1.29

Mechanical data	
Weight	0.0191 kg
Mating cycles	500
Cable entry centre contact	plugged

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**Mechanical data**

Cable entry outer contact	crimped
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**Environmental data**

Operation temperature	-65 °C ... 125°C
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**Ordering Information Table**

Item number	Item description	Packaging type
22644434	11_TNC-50-4-52/133_NE	Single

**Suitable cables**

Cable group	X9 - 4 mm / 50 Ohm S16 - 4 mm / 50 Ohm
Suitable cables	S_04272_B

**Additional Information**

Only as assembly	No
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DOCUMENT PIM-P3390 / Date of publication: 25.11.2023 / uncontrolled copy