

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 Ω
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

Environmental data	
Operation temperature	-65 °C ... 125 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22644434	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
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

Suitable tools		
Item number	Item description	Type of tool
22646290	74_Z-0-0-264	Trimming tool
23036529	76_Z-0-4-18	Crimping dies
84072013	74_Z-0-0-472	Assembly tool

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DOCUMENT PIM-P3390 / Date of publication: 12.07.2025 / uncontrolled copy