

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

11_TNC-50-3-117/133_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	Brass	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	11 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	35 dB	1.04
2.5 GHz ... 5 GHz	30 dB	1.07

Mechanical data

Weight	0.0135 kg
Mating cycles	500
Cable entry centre contact	crimped

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Mechanical data		
Cable entry outer contact		crimped
Environmental data		
Operation temperature		-65 °C ... 165°C
Ordering Information Table		
Item number	Item description	Packaging type
23010015	11_TNC-50-3-117/133_NE	Single
Suitable cables		
Cable group	U41 - 3 mm / 50 Ohm	
	U11 - 3 mm / 50 Ohm	
Suitable cables	RG_400_/U	
	ENVIROFLEX_400	
	RADOX_RF_400	
Additional cables	ASNE0293 XF	
Additional Information		
Remarks	El. optimized for cable RG_400/U	
Only as assembly	No	

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