

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

11_TNC-50-4-77/133_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	Bronze	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Other body part	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	FVMQ (Fluoro silicone elastomer)	
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	23.6 dB	1.141
4 GHz ... 6 GHz	22.8 dB	1.156

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Mechanical data	
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	crimped

Environmental data	
Operation temperature	-50 °C ... 165°C
Ingress protection (IP Rating)	Mated / IP67

Ordering Information Table		
Item number	Item description	Packaging type
85010169	11_TNC-50-4-77/133_NE	Single

Suitable cables	
Cable group	X28 - 4 mm / 50 Ohm
Suitable cables	SPUMA_240

Additional Information	
Only as assembly	No

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