

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

11\_TNC-50-4-78/133\_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
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	29 dB	1.074
2 GHz ... 4 GHz	22.6 dB	1.16
4 GHz ... 6 GHz	21.8 dB	1.177

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<b>Mechanical data</b>	
Mating cycles	500
Cable entry centre contact	crimped
Cable entry outer contact	crimped

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

<b>Ordering Information Table</b>		
Item number	Item description	Packaging type
85071433	11_TNC-50-4-78/133_NE	Single

<b>Suitable cables</b>	
Cable group	X9 - 4 mm / 50 Ohm
	X34 - 4 mm / 50 Ohm
	X28 - 4 mm / 50 Ohm
Suitable cables	SPUMA_240
	Spuma_240-RS-FR

<b>Additional Information</b>	
Only as assembly	No

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