

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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