

COAXIAL CONNECTOR, TNC, 50 Ohm, Right angle cable plug (male)

16_TNC-50-7-12/133_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)	

Electrical data

Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	31 dB	1.058
2 GHz ... 4 GHz	18 dB	1.288
4 GHz ... 6 GHz	16 dB	1.377

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

Environmental data	
Operation temperature	-65 °C ... 165 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84082741	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
84082741	16_TNC-50-7-12/133_NE	Single

Suitable cables	
Cable group	U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400-FR
Suitable cables	SPUMA_400
	SPUMA_400-FR-01
Additional cables	LMR-400

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
23021864	74_Z-0-0-373	Torque wrench

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DOCUMENT PIM-P2964 / Date of publication: 05.01.2026 / uncontrolled copy