

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

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

16_TNC-50-7-12/133_N

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

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

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
Additional cables	LMR-400

Additional Information	
Only as assembly	No

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P2964 / Date of publication: 25.11.2023 / uncontrolled copy