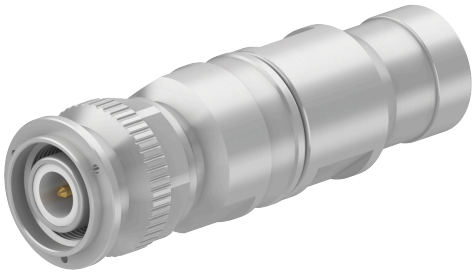
DATA SHEET

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

11_TNC-50-7-20/133_U

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 (without Nickel underplating)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	NR (Natural Rubber)	

Electrical data	
Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)		
Frequency range	**Return loss**	**VSWR**
0 GHz ... 3.5 GHz	32 dB	1.05

Mechanical data	
Weight	0.0424 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	clamped

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

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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22658155	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
			CAS: 84852-53-9 Decabromdiphenylethan (DBDPE)

Ordering Information Table		
Item number	Item description	Packaging type
22658155	11_TNC-50-7-20/133_UF	Bulk 50 pcs

Suitable cables	
Cable group	M7 - 7 mm / 50 Ohm
Suitable cables	SUCOFEED_3/8_HF
Additional cables	FSJ2-50

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22642718	74_Z-0-0-12	Knives / Blades

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DOCUMENT PIM-P3377 / Date of publication: 28.10.2026 / uncontrolled copy

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