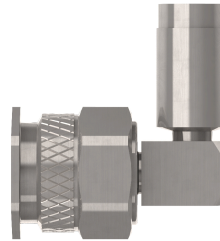


COAXIAL CONNECTOR, TNC, 50 Ohm, Right angle cable plug (male)

16_TNC-50-4-22/133_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)	
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	36 dB	1.032
2 GHz ... 4 GHz	26 dB	1.106
4 GHz ... 6 GHz	22 dB	1.173

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

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Mechanical data	
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

Environmental data	
Operation temperature	-65 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85071590	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
85071590	16_TNC-50-4-22/133_NE	Single

Suitable cables	
Cable group	X34 - 4 mm / 50 Ohm
	X28 - 4 mm / 50 Ohm
Suitable cables	SPUMA_240
	SPUMA_240-RS-FR
	S_04262_D-09

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22543189	76_Z-0-4-1	Crimping dies
22544757	76_Z-0-3-51	Crimping dies

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