

COAXIAL CONNECTOR, TNC, 50 Ohm, Straight bulkhead cable jack (female)

24_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	jack	IEC 60169-17_MIL-STD-348A/313_CECC 22200

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
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	26.5 dB	1.099
2 GHz ... 4 GHz	24.4 dB	1.128
4 GHz ... 6 GHz	23.6 dB	1.141

Mechanical data

Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85010236	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
85010236	24_TNC-50-4-77/133_NE	Single

Suitable cables	
Cable group	X28 - 4 mm / 50 Ohm
Suitable cables	SPUMA_240
Suitable cables	SPUMA_240-FR-01
	SPUMA_240-FR-AM

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544758	76_Z-0-4-51	Crimping dies
22543189	76_Z-0-4-1	Crimping dies
22643028	74_Z-0-0-164	Trimming tool

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