

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

21_TNC-50-6-4/12-_N

Properties

- Suitable for use with Eacon_6C cable
- Applicable in frequencies up to 11 GHz
- Compliant with MIL-STD-348A/313 interface standard

**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	Gold Plating (Nickel underplated)
Outer conductor	Brass	Nickel Plating
Body	Brass	Nickel Plating
Other body part	Stainless steel	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	
Gasket	VMQ (Silicone rubber)	

Electrical data

Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 6 GHz	24.9 dB	1.12
6.01 GHz ... 11 GHz	20.1 dB	1.22

Mechanical data

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

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

21_TNC-50-6-4/12-_N

Environmental data	
Operation temperature	-60 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85077749	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
85077749	21_TNC-50-6-4/12-_NE	Single

Suitable cables	
Cable group	U96 - EACON_6C
Suitable cables	EACON_4C

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544715	74_Z-0-0-68	Knives / Blades
22642718	74_Z-0-0-12	Knives / Blades
84078907	74_Z-0-0-474	Trimming tool
85075219	74_Z-0-0-640	Cable stripping tool
84079183	74_Z-0-0-476	
84079187	74_Z-0-0-479	
85013523	74_Z-0-0-615	
84079190	74_Z-0-0-480	
85075215	74_Z-0-0-643	

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-P2829 / Date of publication: 02.10.2025 / uncontrolled copy