DATA SHEET

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

21_N-50-4-6/133_N

Properties

- Screwed coupling mechanism for sturdy and reliable connection
- IP rating (interface, mated) IP67
- Interface dimensions according IEC/MIL

Product configuration		
Interface type	Gender	Standard
N	jack	IEC 61169-16_MIL-STD-348A/304_CECC 22210

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	PFA / PTFE	
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	31.5 dB	1.055
2 GHz ... 4 GHz	24.5 dB	1.127
4 GHz ... 6 GHz	19 dB	1.253

Mechanical data	
Weight	0.022752 kg
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
84110983	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
84110983	21_N-50-4-6/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	X9 - 4 mm / 50 Ohm
	X28 - 4 mm / 50 Ohm
Suitable cables	SX_04172_B-60
	SPUMA_240
Additional cables	LMR-240

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22646290	74_Z-0-0-264	Trimming tool
23036529	76_Z-0-4-18	Crimping dies

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DOCUMENT PIM-P2882 / Date of publication: 11.07.2025 / uncontrolled copy