

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

21_N-50-0-150/033_N

Properties

- IEC 61169-54 / Connector for use in SPJ/CPJ Assembly
- Applicable up to 6 GHz
- Excellent PIM and RL independent of torque
- Screwed coupling mechanism for sturdy and reliable connection

**Product configuration**

Interface type	Gender	Standard
N	jack	IEC 61169-16 / Connector for use with SPJ/CPJ Assembly

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	

Electrical data

Impedance	50 Ω
Interface frequency	6 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.38 GHz ... 1 GHz	36 dB	1.032
1.7 GHz ... 2.7 GHz	33 dB	1.046
3.8 GHz ... 6 GHz	26 dB	1.106

Mechanical data

Weight	0.0328 kg
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	clamped

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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
85082504	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
85082504	21_N-50-0-150/033_-E	Single

Suitable cables	
Cable group	Z1 - M10x1/SPJ-CPJ
Suitable cables	SPJ_SM141L_PCC
	SPJ_SM222L_PCC
	SPJ_SM122L_PCC
Additional cables	SPJ/CPJ assemblies

Additional Information	
Remarks	Only in combination with SPJ/PCC assemblies
Only as assembly	No

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DOCUMENT PIM-P2901 / Date of publication: 11.07.2025 / uncontrolled copy