DATA SHEET

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

21_N-50-12-62/033_-

Properties

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



Product configuration	
Gender	Standard
jack	IEC 61169-4_CECC 22190_DIN 47223_VG 95250

Interface and material data		
Piece parts	Material	Plating
Centre contact	Bronze	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Other body part	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Electrical data	
Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)		
Frequency range	**Return loss**	**VSWR**
0 GHz ... 2.7 GHz	32 dB	1.052
2.7 GHz ... 3.7 GHz	30 dB	1.065

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

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Environmental data	
Operation temperature	-40 °C ... 85°C
Ingress protection (IP Rating)	Mated / IP68

Suitable cables	
Cable group	U99 - Customer specific
Additional cables	ANDREW/COMMSCOPE AL4RPV-50

Additional Information	
Remarks	Suitable cable: ANDREW/COMMSCOPE AL4RPV-50 / Assembly instructions: Foam-DOC-0000799919 / Note: Use blade unit 74_Z-0-12-21, 85068959 (colour green)
Only as assembly	No

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DOCUMENT PIM-P2896 / Date of publication: 25.11.2023 / uncontrolled copy