

COAXIAL CONNECTOR, N, 50 Ohm, Right angle cable plug (male)

16_N-50-12-62/033_-E

Properties

- Field mountable connector series Quick-fit plus
- 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	plug	IEC 61169-4_CECC 22190_DIN 47223_VG 95250

Interface and material data

Piece parts	Material	Plating
Centre contact	Bronze / Brass	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	30 dB	1.065
2.7 GHz ... 3.7 GHz	28 dB	1.083

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 (24 h of water, 1 m)

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85092145	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
85092145	16_N-50-12-62/033_-E	Single

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

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

Suitable tools		
Item number	Item description	Type of tool
85066880	74_Z-0-12-18	Preparing tool
85068959	74_Z-0-12-21	Cable stripping tool
85069095	74_Z-0-12-20	Cable stripping tool
85069099	74_Z-0-12-22	Cable stripping tool
85089069	74_Z-0-12-24	Cable stripping tool

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DOCUMENT PIM-P3100 / Date of publication: 11.07.2025 / uncontrolled copy