

COAXIAL CONNECTOR, 4.3-10, 50 Ohm, Straight cable jack (female)

21_4310-50-12-61/033_-

Properties

- Field mountable connector series Quick-fit plus
- Excellent PIM and RL independent of torque
- Compact size (25.4mm flange)
- Applicable in frequencies up to 12 GHz
- 40% lower weight and size than 7/16
- IEC Standardized

**Product configuration**

Interface type	Gender	Standard
4.3-10	jack	IEC 61169-54

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium / Bronze	Silver Plating
Outer conductor	Bronze	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Other body part	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Gasket	VMQ (Silicone rubber)	

Electrical data

Impedance	50 Ω
Interface frequency	12 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

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Mechanical data	
Weight	0.1212 kg
Mating cycles	100
Cable entry centre contact	plugged
Cable entry outer contact	clamped

Environmental data	
Operation temperature	-55 °C ... 85 °C
Ingress protection (IP Rating)	Mated / IP68 (24 h of water, 1 m)

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85067228	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
85067228	21_4310-50-12-61/033_-E	Single

Suitable cables	
Cable group	U99 - Customer specific
Additional cables	ANDREW/COMMScope HL4RPV-50

Additional Information	
Remarks	Assembly instructions: Foam-DOC-0000799919 / Note: Use blade unit 74_Z-0-12-20, 85069095 (colour yellow)
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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