

COAXIAL CONNECTOR, 4.3-10, 50 Ohm, Right angle cable plug (male)

16_4310-50-12-Z61/033_-

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	plug	IEC 61169-54

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	12 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

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Mechanical data	
Weight	0.1522 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)

Ordering Information Table		
Item number	Item description	Packaging type
85074831	16_4310-50-12-Z61/033_-E	Single

Suitable cables	
Cable group	U99 - Customer specific
Additional cables	Andrew/Commscope HL4RPV-50

Additional Information	
Remarks	Assembly instructions: Foam-DOC-0000799919, Plenum-DOC-0000736630 / Note: Use blade unit 74_Z-0-12-20, 85069095 (colour yellow)
Only as assembly	No

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