

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

11_4310-50-23-X1/033_-

Properties

- Field mountable connector series Quick-fit
- 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	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	12 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	30 dB	1.065
2.5 GHz ... 3 GHz	28 dB	1.083

Mechanical data

Mating cycles	100
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
85076926	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
85076926	11_4310-50-23-X1/033_-E	Single

Suitable cables	
Cable group	M25 - 23 mm / 50 Ohm
	M24 - 22 mm / 50 Ohm
	M23 - 22 mm / 50 Ohm
Suitable cables	SUCOFEEED_7/8_LW_LA
	SUCOFEEED_7/8_LA
	SUCOFEEED_7/8

Additional Information	
Remarks	PIM:Typical -155 dBc (Carrier to 3rd order intermodulation product ratio with 2 x 20 W, 43 dBm, carrier power) Stripping tools: 85002265 74_Z-0-23-21 for 7/8" & 7/8"HF 84147229 74_Z-0-23-22 for 7/8" LA
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
84147229	74_Z-0-23-22	Cable stripping tool
85002265	74_Z-0-23-21	Cable stripping tool
84133924	74_Z-0-23-100	

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