DATA SHEET

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

11_4310-50-12-X2/033_-

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
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	0.097 kg
Cable entry centre contact	plugged
Cable entry outer contact	clamped

Environmental data	
Operation temperature	-55 °C ... 90 °C
Ingress protection (IP Rating)	Mated / IP68 (24 h of water, 1 m)

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85020537	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
85020537	11_4310-50-12-X2/033_-E	Single

Suitable cables	
Cable group	M12 - 12 mm / 50 Ohm
Suitable cables	SUCOFEED_1/2_LW
	SUCOFEED_1/2_FR
	SUCOFEED_1/2

Additional Information	
Remarks	PIM:Typical -155 dBc (Carrier to 3rd order intermodulation product ratio with 2 x 20 W, 43 dBm, carrier power) Stripping tool: 85091563 74_Z-0-12-25 Flaring tool: 85006446 74_Z-0-12-8
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
85006446	74_Z-0-12-8	Flaring tool
85091563	74_Z-0-12-25	Cable stripping tool

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