DATA SHEET

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

11_4310-50-12-X60/033_-

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	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	32 dB	1.052
2.7 GHz ... 3.7 GHz	30 dB	1.065

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Mechanical data	
Weight	0.108897 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
85067026	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
85067026	11_4310-50-12-X60/033_-E	Single

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

Additional Information	
Remarks	Assembly instructions: Foam-DOC-0000799919, Plenum-DOC-0000736630 / Note: Use blade unit 74_Z-0-12-21, 85068959 (colour green) / Passive intermodulation: Typical -160 dBc, minimum -155 dBc, carrier to 3rd order intermodulation product ratio with 2 x 20 W (43 dBm) carrier power
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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