

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

11_4310-50-0-X150/033_-

Properties

- 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 61169-54 / Connector for use in SPJ/CPU Assembly

**Product configuration**

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

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	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	6 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.38 GHz ... 1 GHz	36 dB	1.032
1.7 GHz ... 2.7 GHz	33 dB	1.046
3.8 GHz ... 6 GHz	26 dB	1.106

Mechanical data

Weight	0.031 kg
Mating cycles	500
Cable entry centre contact	plugged

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Mechanical data	
Cable entry outer contact	clamped

Environmental data	
Operation temperature	-55 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67 (24 h of water, 1 m)

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85079675	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
85079675	11_4310-50-0-X150/033_-E	Single

Suitable cables	
Cable group	Z1 - M10x1/SPJ-CPJ
Suitable cables	SPJ_SM141L_PCC
	SPJ_SM222L_PCC
	SPJ_SM122L_PCC
Additional cables	SPJ/CPJ assemblies

Additional Information	
Remarks	Only in combination with SPJ/PCC assemblies
Only as assembly	No

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