

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

11_4310-50-9-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	0.11 kg
Cable entry centre contact	plugged
Cable entry outer contact	clamped

Environmental data

Operation temperature	-55 °C ... 90 °C
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Material compliance

Item number	Directive / Regulation	Rating	Exemptions / Details
85068623	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
85068623	11_4310-50-9-X2/033_-E	Single

Suitable cables

Cable group	M9 - 9 mm / 50 Ohm
Suitable cables	SUCOFEED_1/2_HF_FR
	SUCOFEED_1/2_HF

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: 23001006 74_Z-0-9-12
Only as assembly	No

Suitable tools

Item number	Item description	Type of tool
23001006	74_Z-0-9-15	Cable stripping tool

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DOCUMENT PIM-P42869 / Date of publication: 12.07.2025 / uncontrolled copy