

COAXIAL CONNECTOR, MMPX, 50 Ohm, Straight cable plug (male)

11_MMPX-50-2-3/111_N

Properties

- Excellent electrical performance at smallest dimensions
- Broadband electrical characteristics
- Mechanically very robust
- Fits a wide range of cable types

**Product configuration**

Interface type	Gender	Standard
MMPX	plug	HUBER+SUHNER MMPX STD (Patent US 7.294.023)

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium / Brass	SUCOPRO / Gold Plating
Outer conductor	Brass	SUCOPRO / Gold Plating
Body	Brass	SUCOPRO / Gold Plating
Insulator	PTFE (Polytetrafluoroethylene)	

Electrical data

Impedance	50 Ω
Interface frequency	67 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 26.5 GHz	25 dB	1.12
26.5 GHz ... 50 GHz	17.5 dB	1.31
50 GHz ... 67 GHz	17 dB	1.31

Mechanical data

Weight	0.0003 kg
Mating cycles	100
Cable entry centre contact	plugged
Cable entry outer contact	soldered

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Engagement / Disengagement force		
	Engagement	Disengagement
Interface force max	30 N	30 N

Environmental data	
Operation temperature	-65 °C ... 155 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84089228	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
84089228	11_MMPX-50-2-3/111_NE	Single

Suitable cables	
Cable group	Y11 - 2 mm / 50 Ohm
Suitable cables	MULTIFLEX_86

Additional Information	
Remarks	Decoupling tool MMPX shall be used (74_Z-0-0-491/74_Z-0-0-555)!
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544557	74_Z-0-0-58	Assembly tool
23024588	74_Z-0-0-442	Soldering tool
23019268	74_Z-0-0-364/---_E	Support
84015399	74_Z-0-0-454	Locator

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