

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

11_MMPX-50-2-1/111_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	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPRO Plating
Body	Brass	SUCOPRO Plating

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	25 dB	1.12
50 GHz ... 67 GHz	25 dB	1.12

Mechanical data	
Weight	0.0002 kg
Mating cycles	100
Cable entry centre contact	soldered
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
84022225	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
84004891	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
84022225	11_MMPX-50-2-1/111_NE	Single
84004891	11_MMPX-50-2-1/111_NI	

Suitable cables	
Cable group	Y3 - 2 mm / 50 Ohm Y16 - 2 mm / 50 Ohm
Suitable cables	SUCOFORM_86 SR_86_TP_M17 SR_86_AL_TP_M17
Additional cables	STORM_SR_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
22544559	74_Z-0-0-60	Support
22544557	74_Z-0-0-58	Assembly tool
23024588	74_Z-0-0-442	Soldering tool
84015399	74_Z-0-0-454	Locator

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