

COAXIAL CONNECTOR, MMPX, 50 Ohm, Right angle cable plug (male)

16_MMPX-50-2-2/111_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 Alloy	Gold Plating (Nickel underplated)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
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	20 dB	1.22
50 GHz ... 67 GHz	20 dB	1.22

Mechanical data	
Weight	0.000359 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
84067778	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
84096744	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
84067778	16_MMPX-50-2-2/111_NE	Single
84096744	16_MMPX-50-2-2/111_NI	

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
22544560	74_Z-0-0-61	Locator
22544557	74_Z-0-0-58	Assembly tool
23024588	74_Z-0-0-442	Soldering tool
22645861	74_Z-0-0-225	Coupling and decoupling tool
23019268	74_Z-0-0-364/---_-E	Support

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