

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

16_MMBX-50-1-2/111_N

Properties

- Smallest board-to-board distance
- Very high frequencies
- Excellent return loss values
- Blind mateable
- Reliable and secure connection



Product configuration

Interface type	Gender	Standard
MMBX	plug	HUBER+SUHNER-MMBX

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Other body part	Brass	
Insulator	PTFE (Polytetrafluoroethylene)	

Electrical data

Impedance	50 Ω
Interface frequency	12.4 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	29 dB	1.07
2.5 GHz ... 6 GHz	18 dB	1.29
6 GHz ... 12.4 GHz	9 dB	2.10

Mechanical data

Weight	0.0056 kg
Mating cycles	100
Cable entry centre contact	soldered
Cable entry outer contact	soldered

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Environmental data		
Operation temperature		-55 °C ... 155°C
Ordering Information Table		
Item number	Item description	Packaging type
21000174	16_MMBX-50-1-2/111_NH	Bulk 100 pcs
Suitable cables		
Cable group	Y2 - 1 mm / 50 Ohm	
	Y15 - 1 mm / 50 Ohm	
Suitable cables	SR_47_M17	
	SUCOFORM_47_CU	
Additional Information		
Only as assembly	No	

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