

**COAXIAL CONNECTOR, MCX, 50 Ohm, Straight cable plug (male)**

11\_MCX-50-2-16/111\_N

**Properties**

- Small size
- Easy to connect and disconnect
- Wide range of board connectors and cable connectors available



Product configuration		
Interface type	Gender	Standard
MCX	plug	IEC 60169-36_CECC 22220
Interface and material data		
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)
Electrical data		
Impedance	50 Ω	
Interface frequency	6 GHz	
Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 1 GHz	39 dB	1.023
1 GHz ... 2.5 GHz	31 dB	1.06
2 GHz ... 6 GHz	30 dB	1.07
Mechanical data		
Weight	0.0009 kg	
Mating cycles	500	
Cable entry centre contact	crimped	
Cable entry outer contact	crimped	

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Environmental data	
Operation temperature	-55 °C ... 155°C

Ordering Information Table		
Item number	Item description	Packaging type
84022831	11_MCX-50-2-16/111_NE	Single
22658275	11_MCX-50-2-16/111_NH	Bulk 100 pcs

Suitable cables	
Cable group	U2 - 2 mm / 50 Ohm
Suitable cables	RG_316_/U RG_188_A/U
Additional cables	RG_174_/U

Additional Information	
Only as assembly	No

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