

COAXIAL CONNECTOR, QMA, 50 Ohm, Straight cable plug (male)
11_QMA-50-4-2/133_N

Properties

- Excellent electrical performance
- High packing density
- Applicable in frequencies up to 18 GHz
- Easy to mate - No torque or tooling required
- Return loss optimized DC to 6 GHz



Product configuration		
Interface type	Gender	Standard
QMA	plug	QMA QLF compliant

Interface and material data		
Piece parts	Material	Plating
Centre contact	Bronze	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	31.5 dB	1.055
2 GHz ... 4 GHz	27 dB	1.094
4 GHz ... 6 GHz	22.5 dB	1.162

Mechanical data	
Weight	0.0076 kg
Mating cycles	100
Cable entry centre contact	plugged
Cable entry outer contact	crimped

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Environmental data		
Operation temperature		-40 °C ... 85°C
Ordering Information Table		
Item number	Item description	Packaging type
85123642	11_QMA-50-4-2/133_NE	
84000234	11_QMA-50-4-2/133_NH	Bulk 100 pcs
Suitable cables		
Cable group	X9 - 4 mm / 50 Ohm	
	X28 - 4 mm / 50 Ohm	
	S16 - 4 mm / 50 Ohm	
Suitable cables	SX_04272_D-02	
	SPUMA_240	
	S_04262_D-03	
Additional Information		
Only as assembly	No	

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DOCUMENT PIM-P3523 / Date of publication: 25.11.2023 / uncontrolled copy