

COAXIAL CONNECTOR, QMA, 50 Ohm, Straight cable jack (female)

21_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	jack	QMA QLF compliant

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO / Gold 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	6 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	25 dB	1.119
2 GHz ... 4 GHz	20.2 dB	1.217
4 GHz ... 6 GHz	19.4 dB	1.24

Mechanical data	
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
84096247	21_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	S_04272_B	
Additional cables	SX_04272_D-02	
	LMR-240	
Additional Information		
Only as assembly	No	

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