

**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 $\Omega$
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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