

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

16\_QMA-W50-4-5/133\_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 IP 68 rated - QLF compliant

  

Interface and material data		
Piece parts	Material	Plating
Centre contact	Brass	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Gasket	VMQ (Silicone rubber)	
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	30 dB	1.065
2 GHz ... 4 GHz	27 dB	1.094
4 GHz ... 6 GHz	24 dB	1.135

  

Mechanical data	
Weight	0.0186 kg
Mating cycles	100
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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Environmental data	
Operation temperature	-40 °C ... 105°C
Ingress protection (IP Rating)	Mated / IP67

Ordering Information Table		
Item number	Item description	Packaging type
84075864	16_QMA-W50-4-5/133_NE	Single
84023140	16_QMA-W50-4-5/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	X9 - 4 mm / 50 Ohm
	X34 - 4 mm / 50 Ohm
	X28 - 4 mm / 50 Ohm
	S16 - 4 mm / 50 Ohm
Suitable cables	S_04262_D-09
	S_04162_B-01
	Spuma_240-RS-FR
Additional cables	LMR-240
	RFC_240-T

Additional Information	
Only as assembly	No

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