

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

16_QMA-W50-2-9/113_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	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Gasket	VMQ (Silicone rubber)	

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	28 dB	1.08
2 GHz ... 3 GHz	24 dB	1.13
3 GHz ... 5 GHz	20 dB	1.22

Mechanical data	
Weight	0.0072 kg
Mating cycles	100
Cable entry centre contact	soldered
Cable entry outer contact	soldered

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Environmental data	
Operation temperature	-40 °C ... 105 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84075867	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead
84068219	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
84075867	16_QMA-W50-2-9/113_NE	Single
84068219	16_QMA-W50-2-9/113_NH	Bulk 100 pcs

Suitable cables	
Cable group	Y16 - 2 mm / 50 Ohm Y11 - 2 mm / 50 Ohm
Suitable cables	SUCOFORM_86 MULTIFLEX_86

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544715	74_Z-0-0-68	Knives / Blades
84029787	74_Z-0-0-461	Locator
22643029	74_Z-0-0-157	Cable stripping tool

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