

COAXIAL CONNECTOR, QMA, 50 Ohm, Straight cable plug (male)

11_QMA-W50-3-7/113_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
Other body part	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Gasket	VMQ (Silicone rubber)	
Electrical data		
Impedance	50 Ω	
Interface frequency	18 GHz	
Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 3 GHz	32 dB	1.05
3 GHz ... 6 GHz	25 dB	1.12
Mechanical data		
Weight	0.0045 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

Ordering Information Table		
Item number	Item description	Packaging type
84075868	11_QMA-W50-3-7/113_NE	Single

Suitable cables	
Cable group	Y17 - 3 mm / 50 Ohm Y12 - 3 mm / 50 Ohm
Suitable cables	SUCOFORM_141 MULTIFLEX_141

Additional Information	
Only as assembly	No

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DOCUMENT PIM-P3521 / Date of publication: 25.11.2023 / uncontrolled copy