

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84075864	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
84023140	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
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_04162_B-01
	S_04262_D-09
	SPUMA_240-RS-FR
Additional cables	LMR-240
	RFC_240-T

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
84029787	74_Z-0-0-461	Locator
23036529	76_Z-0-4-18	Crimping dies

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DOCUMENT PIM-P3055 / Date of publication: 11.07.2025 / uncontrolled copy