

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 Ω
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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85123642	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
84000234	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
85123642	11_QMA-50-4-2/133_NE	Single
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	S_04262_D-03
Suitable cables	SX_04272_D-02
	SPUMA_240
	SPUMA_240-FR-01
	SPUMA_240-FR-AM

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
23023444	74_Z-0-0-360	Locator
22646290	74_Z-0-0-264	Trimming tool
23036529	76_Z-0-4-18	Crimping dies
84074473	76_Z-0-4-23	Crimping dies

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DOCUMENT PIM-P3523 / Date of publication: 12.12.2025 / uncontrolled copy