

COAXIAL CONNECTOR, QMA, 50 Ohm, Straight bulkhead cable jack (female)

24_QMA-50-2-2/133_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	jack	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	
Gasket	VMQ (Silicone rubber)	
Fastening nut	Brass	SUCOPLATE (R) Plating
Washer	Bronze	SUCOPLATE (R) Plating
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	6 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 1 GHz	30 dB	1.05
1 GHz ... 4 GHz	26 dB	1.11
4 GHz ... 6 GHz	24 dB	1.13

Mechanical data

Weight	0.0043 kg
Mating cycles	100
Cable entry centre contact	soldered

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Mechanical data			
Cable entry outer contact		crimped	
Environmental data			
Operation temperature		-40 °C ... 85 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23017829	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
23017830	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
23017829	24_QMA-50-2-2/133_NE		Single
23017830	24_QMA-50-2-2/133_NH		Bulk 100 pcs
Suitable cables			
Cable group		U4 - 2 mm / 50 Ohm	
Suitable cables		K_02252_D	
		ENVIROFLEX_316_D	
Additional Information			
Only as assembly		No	
Suitable tools			
Item number	Item description		Type of tool
22543185	76_Z-0-3-1		Crimping dies
22544715	74_Z-0-0-68		Knives / Blades
22544555	74_Z-0-0-54		Holders
23023444	74_Z-0-0-360		Locator

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