

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

11_QMA-W50-4-3/133_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	Brass	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	33.5 dB	1.043
2 GHz ... 4 GHz	31 dB	1.058
4 GHz ... 6 GHz	26 dB	1.106

Mechanical data

Weight	0.0064 kg
Mating cycles	100
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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

11_QMA-W50-4-3/133_N

Environmental data	
Operation temperature	-40 °C ... 105°C
Ingress protection (IP Rating)	Mated / IP67

Ordering Information Table		
Item number	Item description	Packaging type
84075865	11_QMA-W50-4-3/133_NE	Single
84023153	11_QMA-W50-4-3/133_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
	SPUMA_240
	Spuma_240-RS-FR
Additional cables	LMR-240
	S_04262_D

Additional Information	
Remarks	RFC 240-T
Only as assembly	No

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P3520 / Date of publication: 25.11.2023 / uncontrolled copy