

COAXIAL CONNECTOR, QMA, 50 Ohm, Right angle cable plug (male)

16_QMA-50-4-1/133_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	Brass	SUCOPRO Plating
Outer conductor	Bronze	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 GHz ... 2 GHz	30 dB	1.065
2 GHz ... 3 GHz	28 dB	1.082
3 GHz ... 5 GHz	25 dB	1.19

Mechanical data

Weight	0.008 kg
Mating cycles	100
Cable entry centre contact	soldered
Cable entry outer contact	crimped

COAXIAL CONNECTOR, QMA, 50 Ohm, Right angle cable plug (male)

16_QMA-50-4-1/133_N

Environmental data	
Operation temperature	-40 °C ... 85 °C
Suitable cables	
Cable group	S16 - 4 mm / 50 Ohm
Additional cables	LL141
Additional Information	
Remarks	Does not fit the LMR-240
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-P45673 / Date of publication: 19.07.2024 / uncontrolled copy