

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

11\_QMA-50-3-1/133\_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 ... 2.5 GHz	32 dB	1.051
2.5 GHz ... 4 GHz	28 dB	1.083
4 GHz ... 5 GHz	25 dB	1.119

  

Mechanical data	
Weight	0.0051 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-50-3-1/133\_N

Environmental data	
Operation temperature	-40 °C ... 85°C

Ordering Information Table		
Item number	Item description	Packaging type
23017697	11_QMA-50-3-1/133_NE	Single
23017698	11_QMA-50-3-1/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	U9 - 3 mm / 50 Ohm
	U41 - 3 mm / 50 Ohm
	U11 - 3 mm / 50 Ohm
Suitable cables	RG_400_/U
	ENVIROFLEX_400
	RG_223_/U
Additional cables	ENVIROFLEX_142
	RADOX_RF_142

Additional Information	
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-P3526 / Date of publication: 25.11.2023 / uncontrolled copy