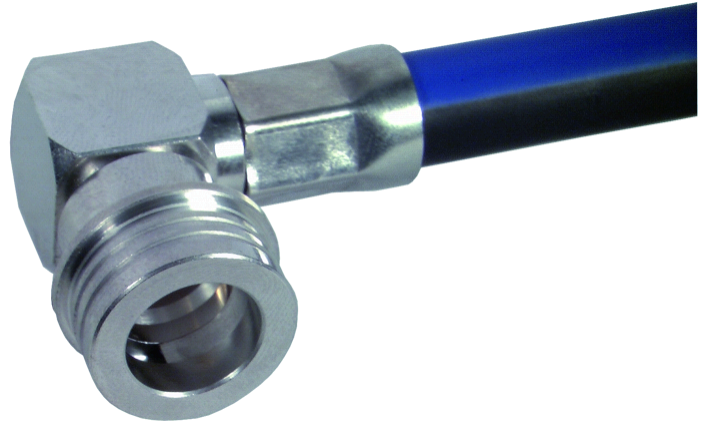


**COAXIAL CONNECTOR, QN, 50 Ohm, Right angle cable plug (male)**

16\_QN-50-7-5/133\_N

**Properties**

- Same performance but smaller than N-Interface
- High packing density
- Applicable in frequencies up to 11 GHz
- Easy to mate - No torque or tooling required



Product configuration		
Interface type	Gender	Standard
QN	plug	QN 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	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	EPDM (Ethylene propylene diene rubber)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 $\Omega$
Interface frequency	11 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	34.5 dB	1.038
2 GHz ... 4 GHz	26 dB	1.106
4 GHz ... 6 GHz	23 dB	1.152

Mechanical data	
Weight	0.0363 kg
Mating cycles	100
Cable entry centre contact	soldered

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

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**Mechanical data**

Cable entry outer contact	crimped
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**Environmental data**

Operation temperature	-40 °C ... 125°C
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**Ordering Information Table**

Item number	Item description	Packaging type
84078879	16_QN-50-7-5/133_NE	Single
84022186	16_QN-50-7-5/133_NH	Bulk 100 pcs

**Suitable cables**

Cable group	X32 - 7 mm / 50 Ohm U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400
Additional cables	LMR-400

**Additional Information**

Only as assembly	No
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DOCUMENT PIM-P3046 / Date of publication: 25.11.2023 / uncontrolled copy