

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

11_QN-50-9-1/133_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	Bronze	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	EPDM (Ethylene propylene diene rubber)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	31.4 dB	1.055
2 GHz ... 4 GHz	30.4 dB	1.062
4 GHz ... 6 GHz	28 dB	1.083

Mechanical data

Weight	0.0313 kg
Mating cycles	100
Cable entry centre contact	plugged

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Mechanical data	
Cable entry outer contact	crimped

Environmental data	
Operation temperature	-40 °C ... 125°C

Ordering Information Table		
Item number	Item description	Packaging type
85101069	11_QN-50-9-1/133_NE	Bulk 100 pcs

Suitable cables	
Cable group	X31 - 9 mm / 50 Ohm
Suitable cables	SPUMA_500-FR-01

Additional Information	
Only as assembly	No

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