

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

11_QN-50-3-4/133_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 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 3 GHz	32 dB	1.05
3 GHz ... 4 GHz	28 dB	1.085
4 GHz ... 6 GHz	20 dB	1.22

Mechanical data

Weight	0.016 kg
Mating cycles	100
Cable entry centre contact	crimped

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Mechanical data	
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84016563	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
84016563	11_QN-50-3-4/133_NE	Single

Suitable cables	
Cable group	U41 - 3 mm / 50 Ohm U11 - 3 mm / 50 Ohm
Suitable cables	RG_400_/U ENVIROFLEX_400
Additional cables	RADOX_RF_400

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544757	76_Z-0-3-51	Crimping dies
22543185	76_Z-0-3-1	Crimping dies

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