

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

16_QN-50-4-1/133_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	Brass	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
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 ... 4 GHz	24 dB	1.13
4 GHz ... 6 GHz	19 dB	1.24

Mechanical data

Weight	0.0218 kg
Mating cycles	100
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23033078	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
84013859	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
23033078	16_QN-50-4-1/133_NE	Single
84013859	16_QN-50-4-1/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	S16 - 4 mm / 50 Ohm
Additional cables	LL142(Harbour)

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22543189	76_Z-0-4-1	Crimping dies

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