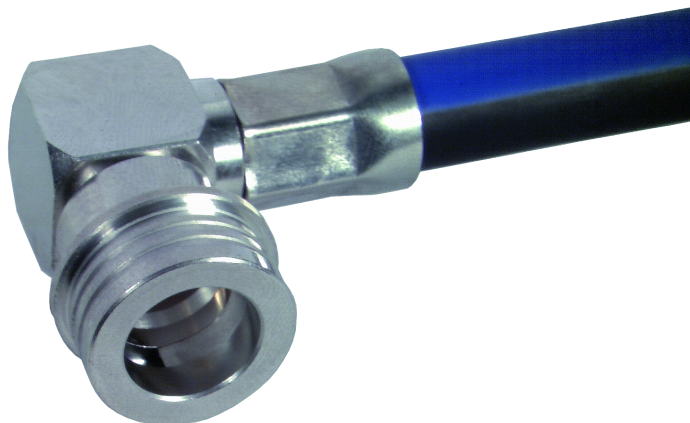


**COAXIAL CONNECTOR, QN, 50 Ohm, Right angle cable plug (male)**

16\_QN-50-7-1/133\_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
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 GHz ... 2 GHz	30 dB	1.06
2 GHz ... 4 GHz	28 dB	1.08
4 GHz ... 6 GHz	24 dB	1.13

**Mechanical data**

Weight	0.0366 kg
Mating cycles	100
Cable entry centre contact	soldered

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

16\_QN-50-7-1/133\_N

<b>Mechanical data</b>	
Cable entry outer contact	crimped

<b>Environmental data</b>	
Operation temperature	-40 °C ... 125°C

<b>Ordering Information Table</b>		
Item number	Item description	Packaging type
23032410	16_QN-50-7-1/133_NE	Single

<b>Suitable cables</b>	
Cable group	U43 - 7 mm / 50 Ohm
	U33 - 7 mm / 50 Ohm
	U32 - 7 mm / 50 Ohm
Suitable cables	ENVIROFLEX_393
	RG_214_/U
	RG_393_/U
Additional cables	GX_07272_D-04
	RADOX_RF_214

<b>Additional Information</b>	
Only as assembly	No

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