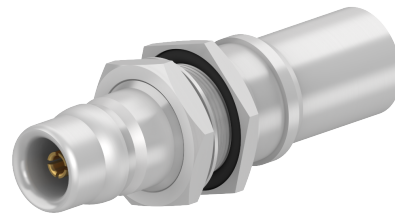


COAXIAL CONNECTOR, QN, 50 Ohm, Straight bulkhead cable jack (female)

24_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	jack	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)	
Gasket	VMQ (Silicone rubber)	
Fastening nut	Brass	SUCOPLATE (R) Plating
Washer	Bronze	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
0.1 GHz ... 2 GHz	23 dB	1.152
2 GHz ... 4 GHz	17.5 dB	1.308
4 GHz ... 6 GHz	16 dB	1.377
6 GHz ... 8 GHz	12 dB	1.67

COAXIAL CONNECTOR, QN, 50 Ohm, Straight bulkhead cable jack (female)

24_QN-50-7-5/133_N

Mechanical data	
Weight	0.0281 kg
Mating cycles	100
Cable entry centre contact	crimped
Cable entry outer contact	crimped

Environmental data	
Operation temperature	-40 °C ... 125 °C
Ingress protection (IP Rating)	Mated / IP67

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84039869	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 CAS: 84852-53-9 Decabromdiphenylethan (DBDPE)

Ordering Information Table		
Item number	Item description	Packaging type
84039869	24_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
Suitable cables	SPUMA_400-FR
	SPUMA_400-FR-01
	SPUMA_400-RS-FR
	SPUMA_400-UF
Additional cables	LMR-400

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544524	76_Z-0-7-14	Crimping dies

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