

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

24\_QN-50-3-1/133\_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	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	PFA / PTFE	
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 GHz ... 2 GHz	32 dB	1.05
2 GHz ... 3 GHz	30 dB	1.065
3 GHz ... 6 GHz	18 dB	1.29

Mechanical data	
Weight	0.02 kg
Mating cycles	100
Cable entry centre contact	crimped

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<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
23033400	24_QN-50-3-1/133_NE	Single
<b>Suitable cables</b>		
Cable group	U9 - 3 mm / 50 Ohm	
Suitable cables	ENVIROFLEX_142	
	RG_142_B/U	
	RG_223_/U	
<b>Additional Information</b>		
Only as assembly	No	

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