

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

24_N-50-2-14/133_N

Properties

- Screwed coupling mechanism for sturdy and reliable connection
- IP rating (interface, mated) IP67
- Interface dimensions according IEC/MIL



Product configuration

Gender	Standard
jack	IEC 61169-16_MIL-STD-348A/304_CEC 22210

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
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

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 6 GHz	27 dB	1.09
6 GHz ... 12 GHz	15 dB	1.43
12 GHz ... 18 GHz	12 dB	1.67

Mechanical data

Weight	0.0397 kg
Mating cycles	500
Cable entry centre contact	soldered

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Mechanical data	
Cable entry outer contact	soldered

Environmental data	
Operation temperature	-65 °C ... 165°C

Ordering Information Table		
Item number	Item description	Packaging type
22544637	24_N-50-2-14/133_NE	Single
22649012	24_N-50-2-14/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	Y3 - 2 mm / 50 Ohm Y16 - 2 mm / 50 Ohm
Suitable cables	SR_86_TP_M17 SUCOFORM_86

Additional Information	
Only as assembly	No

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