

COAXIAL CONNECTOR, N, 50 Ohm, Straight cable plug (male)

11_N-50-7-82/133_N

Properties

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



Product configuration		
Interface type	Gender	Standard
N	plug	IEC 61169-16_MIL-STD-348A/304_CECC 22210

Interface and material data		
Piece parts	Material	Plating
Centre contact	Bronze	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Electrical data	
Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	27 dB	1.094
2 GHz ... 4 GHz	26.2 dB	1.103
4 GHz ... 6 GHz	25.4 dB	1.114

Mechanical data	
Weight	0.0546 kg
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	clamped

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Environmental data	
Operation temperature	-40 °C ... 160°C
Ingress protection (IP Rating)	Mated / IP67

Ordering Information Table		
Item number	Item description	Packaging type
84081597	11_N-50-7-82/133_NE	Single

Suitable cables	
Cable group	U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400-FR
Additional cables	LMR-400

Additional Information	
Only as assembly	No

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