

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

11\_N-50-7-69/133\_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	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
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	30 dB	1.065
2 GHz ... 4 GHz	23.8 dB	1.138
4 GHz ... 6 GHz	23 dB	1.152

Mechanical data	
Weight	0.0345 kg
Mating cycles	500
Cable entry centre contact	crimped

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**Mechanical data**

Cable entry outer contact	crimped
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**Environmental data**

Operation temperature	-65 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

**Ordering Information Table**

Item number	Item description	Packaging type
22660143	11_N-50-7-69/133_NE	Single
85092396	11_N-50-7-69/133_NH	Bulk 100 pcs

**Suitable cables**

Cable group	X32 - 7 mm / 50 Ohm U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400
Additional cables	LMR-400

**Additional Information**

Only as assembly	No
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