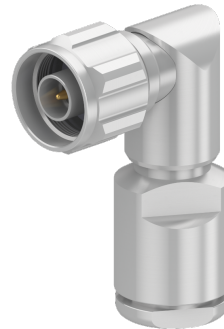


COAXIAL CONNECTOR, N, 50 Ohm, Right angle cable plug (male)

16_N-50-7-50/133_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	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	26.6 dB	1.098
2 GHz ... 4 GHz	24 dB	1.135
4 GHz ... 6 GHz	21 dB	1.196

Mechanical data

Weight	0.087056 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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84082125	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

Ordering Information Table		
Item number	Item description	Packaging type
84082125	16_N-50-7-50/133_NE	Single

Suitable cables	
Cable group	X11 - 7 mm / 50 Ohm
	U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400-FR
	SPUMA_400
	SPUMA_400-FR-01
Additional cables	LMR-400

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
23021864	74_Z-0-0-373	Torque wrench

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DOCUMENT PIM-P3070 / Date of publication: 18.11.2025 / uncontrolled copy