

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

16_N-50-9-8/133_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
N	plug

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)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	6 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	29.6 dB	1.068
2 GHz ... 4 GHz	28.8 dB	1.075
4 GHz ... 6 GHz	28 dB	1.083

Mechanical data

Weight	0.0647 kg
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85075501	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
85075501	16_N-50-9-8/133_NV	Bulk 20 pcs

Suitable cables	
Cable group	X31 - 9 mm / 50 Ohm
Suitable cables	SPUMA_500-FR-01
Additional cables	LMR-500-UF

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
23002630	76_Z-0-10-14	Crimping dies

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