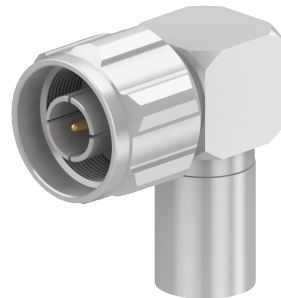


COAXIAL CONNECTOR, N, 50 Ohm, Right angle cable plug (male)

16_N-50-7-77/133_N

Properties

- Screwed coupling mechanism for sturdy and reliable connection
- 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)	
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	27 dB	1.088
2 GHz ... 4 GHz	24 dB	1.111
4 GHz ... 6 GHz	23 dB	1.122
6 GHz ... 8 GHz	16 dB	1.38

Mechanical data

Weight	0.047 kg
Mating cycles	500
Cable entry centre contact	soldered

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

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Mechanical data	
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84078884	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
84076005	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
84078884	16_N-50-7-77/133_NE	Single
84076005	16_N-50-7-77/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	X32 - 7 mm / 50 Ohm
	U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400-RS-FR
Suitable cables	SPUMA_400-UF
	SPUMA_400
	SPUMA_400-FR
	SPUMA_400-FR-01

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544524	76_Z-0-7-14	Crimping dies

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