DATA SHEET

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

16_N-50-7-53/133_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	SUCOPRO Plating
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	Brass	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	29 dB	1.074
2 GHz ... 4 GHz	25.4 dB	1.114
4 GHz ... 6 GHz	20 dB	1.222

Mechanical data	
Weight	0.039347 kg
Mating cycles	500
Cable entry centre contact	soldered

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Mechanical data	
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85014128	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
85014128	16_N-50-7-53/133_NE	Single

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

Additional Information	
Only as assembly	Yes

Suitable tools		
Item number	Item description	Type of tool
22544524	76_Z-0-7-14	Crimping dies
22643028	74_Z-0-0-164	Trimming tool

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