

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

16_N-50-7-29/133_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	Bronze	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 GHz ... 1 GHz	35 dB	1.036
1 GHz ... 2 GHz	30 dB	1.065
2 GHz ... 2.5 GHz	26 dB	1.106

Mechanical data

Weight	0.0662 kg
Mating cycles	500
Cable entry centre contact	crimped

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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
22651494	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
22651494	16_N-50-7-29/133_NE	Single

Suitable cables	
Cable group	U42 - 7 mm / 50 Ohm U29 - 7 mm / 50 Ohm
Suitable cables	RG_213_/U GX_07272
Additional cables	G_07272 RADOX_RF_213

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22543195	76_Z-0-7-1	Crimping dies
22543185	76_Z-0-3-1	Crimping dies

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