

COAXIAL CONNECTOR, 1.0/2.3 C50, 50 Ohm, Right angle cable plug (male)

16_1023-C50-2-3/111_N

Properties

- Suitable for the insertion of layout connectors DIN 41612
- Fast and easy assembly
- Applicable in frequencies up to 4 GHz



Product configuration

Interface type	Gender	Standard
1.0/2.3 C50	plug	DIN 41626/2

Interface and material data

Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)

Electrical data

Impedance	50 Ω
Interface frequency	4 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 1 GHz	33 dB	1.05
1 GHz ... 2 GHz	27 dB	1.09
2 GHz ... 4 GHz	25 dB	1.12

Mechanical data

Weight	0.0037 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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Engagement / Disengagement force		
	Engagement	Disengagement
Interface force max	10 N	10 N

Environmental data	
Operation temperature	-55 °C ... 125 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22650726	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
22650726	16_1023-C50-2-3/111_NE	Single

Suitable cables	
Cable group	U4 - 2 mm / 50 Ohm
Suitable cables	K_02252_D
	G_02232_D
	ENVIROFLEX_316_D

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22543181	76_Z-0-2-1	Crimping dies

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DOCUMENT PIM-P3184 / Date of publication: 12.07.2025 / uncontrolled copy