



## Summary

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Coax	1
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.10 - 4.00 mm
Matching parts	<a href="#">ERA.00.250.CTL</a>
Series	00 - NIM-CAMAC

## Technical details

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/flc-00-250-ctad42.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/flc-00-250-ctad42.html)

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## Electrical Configuration

Coax	1
Contact Termination Coax	Solder
R (max)	6.1 mOhm
Insert configuration value	0.25 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	4 Amps
Impedance	50 Ohm
VSWR	$1.09 + 0.11 * f/\text{GHz}$
Vtest	2100 V (AC), 3000 V (DC)
Contact Type	Coaxial 50 Ohm (Solder)
Test voltage	2.1 kV (rms)
Bucket Dia.	0.6 mm (0.024in)
Contact Dia.	0.7 mm (0.028in)

## Form & Material

Shell style / Model id	FLC - Elbow (90°) plug with cable collet
Plug	Elbow
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, male
Weight	5.06 g

## Environment

Environmental protection (IP rating)	IP50
F ret (min)	100 N
Salt Spray Corrosion	>1000 hr

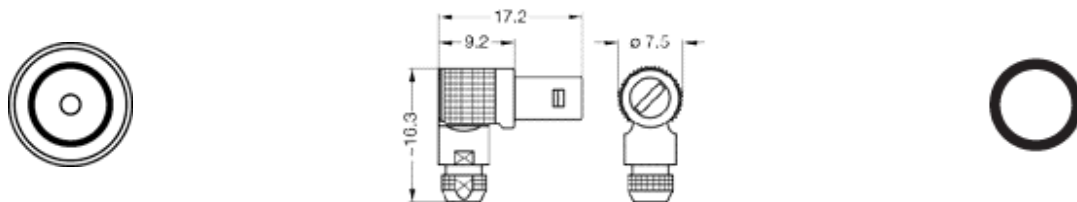
## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.10 - 4.00 mm

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# Drawings



## Dimensions

	A	L	M	S1	S2	H
mm.	7.5	19.5	11.5	4.5	6	16.7
in.	0.3	0.77	0.45	0.18	0.24	0.66

## Recommended By Lemo

### Accessories

### Tools

## Cables

Cable PartNumber	Material	Colour	Cable image
18000	PTFE	Brown	
CCX.75.040.195327G	PVC	Grey	
CCX.95.RG1.80BU36M	PTFE	Brown	
CCX.95.RG1.95AU37B	PFA	White	

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