



*Image for illustrative purpose only*

## Summary

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Nb of contacts Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Size	00
Suggested matching part	<a href="#">PCS.00.250.CTME24</a>
Series	00 - NIM-CAMAC

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/ffs-00-250-ctce24.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffs-00-250-ctce24.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax	Crimp
R (max)	6.1 mOhm
Insert configuration value	0.25 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	4 A
Impedance	50 Ohm
OHM	50
VSWR	$1.09 + 0.11 * f/\text{GHz}$
Vtest	2100 V (AC), 3000 V (DC)
Contact retention	18 N
Contact Type	Coaxial 50 Ohm (Crimp)
Test voltage	2.1 kV (rms)
Cable type	RG 196 A/U
Bucket Dia.	0.6 mm (0.024in)
Contact Dia.	0.7 mm (0.028in)

## Form & Material

Shell style / Model id	FFS - Straight plug with cable crimping
Plug	Straight
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
Colour	Grey
Weight	3.22 g

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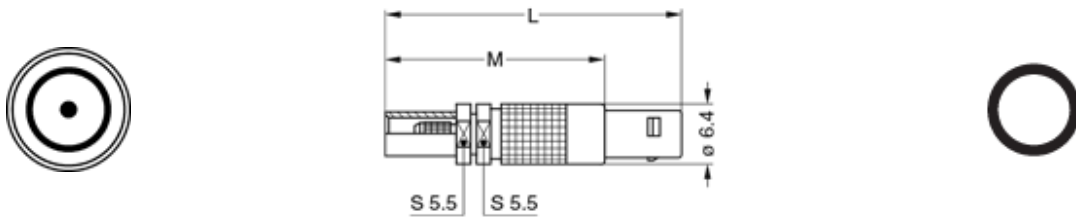
## Environment

Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
F ret (min)	100 N
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Crimp

## Drawings



## Dimensions

	L	M	A
mm.	31	23	6.4
in.	1.22	0.91	0.25

## Recommended By Lemo

### Accessories

Compatible cap [BFG.00.100.PCSG](#)

### Tools

Die Tool [DPN.99.123.1K](#)

Crimp tool [DPE.99.123.1K](#)

Spanner wrench [DCP.99.055.TC](#)

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# Cables

Cable PartNumber	Material	Colour	Cable image
178190	PTFE	Brown	
196270	PTFE	White	
CCX.50.030.083.180B		white	
CCX.50.RG1.78BU18M	FEP	Brown	
CCX.50.RG1.78BU18M	PTFE	Brown	
CCX.50.RG1.96AU19B	PTFE	White	
CCX.50.RG1.96AU20B	PFA	White	

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