



*Image for illustrative purpose only*

## Summary

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[Customer Drawing](#)

Nb of contacts Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Size	00
Suggested matching part	<a href="#">PCS.00.250.CTME52</a>
Series	00 - NIM-CAMAC

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/ffs-00-250-ctce52.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffs-00-250-ctce52.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Crimp
Contact Termination Coax - Screen fixing	Crimp
R (max)	6.1 mOhm
Insert configuration value	0.25 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	4 A
Impedance	50 Ohms
VSWR	$1.09 + 0.11 * f/\text{GHz}$
Vtest	2100 V (AC), 3000 V (DC)
Contact retention	18 N
Test voltage	2.1 kV (rms)
Cable type	RG 58 C/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	3.67 g

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## Environment

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

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## Cable fixation

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

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# Recommended By Lemo

## Accessories

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Compatible cap	<a href="#">BFG.00.100.PCSG</a>
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## Tools

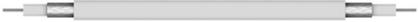
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Die Tool	<a href="#">DPN.99.176.2K</a>
Crimp tool	<a href="#">DPE.99.176.2K</a>
Spanner wrench	<a href="#">DCP.99.055.TC</a>

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# Cables

Cable PartNumber	Material	Colour	Cable image
17420	PVC	Black	
17450	COPOLYMER	Black	
178190	PTFE	Brown	
18000	PTFE	Brown	
18700	PTFE	White	
18800	PTFE	White	
196270	PTFE	White	
31600	PTFE	Brown	
CCX.50.030.083.180B		white	
CCX.50.RG0.58AU14B	FEP	white	
CCX.50.RG1.74-U25N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74U25N	PVC	Black	
CCX.50.RG1.78BU18M	FEP	Brown	
CCX.50.RG1.78BU18M	PTFE	Brown	
CCX.50.RG1.88AU24B	TFE	white	
CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.88AU26B	PTFE	White	
CCX.50.RG1.96AU19B	PTFE	White	
CCX.50.RG1.96AU20B	PFA	White	
CCX.50.RG3.16BU26M	FEP	Brown	
CCX.50.RG3.16U28M	PTFE	Brown	
CCX.75.040.195327G	PVC	Grey	
CCX.75.RG1.79BU26M	FEP	Brown	
CCX.75.RG1.87AU26B	PFA	White	
CCX.75.RG1.87AU27B	PTFE	White	
CCX.95.RG1.80BU36M	PTFE	Brown	
CCX.95.RG1.95AU37B	PFA	White	

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