

[Standard](#)

*Image for illustrative purpose only*

## Summary

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Nb of contacts Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.80 - 3.10 mm
Size	00
Suggested matching part	<a href="#">ERA.00.250.CTL</a> <a href="#">PCA.00.250.CTAC31Z</a>
Series	00 - NIM-CAMAC

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/ffa-00-250-ctac31z.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffa-00-250-ctac31z.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Contact Termination Coax – Screen fixing	Cable collet
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)
Test voltage	2.1 kV (rms)
Cable type	RG 174 A/U
Bucket Dia.	0.6 mm (0.024in)
Contact Dia.	0.7 mm (0.028in)

## Form & Material

Shell style / Model id	FFA - Straight plug with cable collet and nut for fitting a bend relief
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
Variant	Nut for fitting a bend relief
Weight	3.52 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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.80 - 3.10 mm

# Recommended By Lemo

## Accessories

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

Cable PartNumber	Material	Colour	Cable image
17420	PVC	Black	
31600	PTFE	Brown	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG3.16U28M	PTFE	Brown	

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