

Special



*Image for illustrative purpose only*

## Summary

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[Coax triax mixed en](#)

[Customer Drawing](#)

Nb of contacts Triax	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="#">PCA.00.650.CLIC31</a> <a href="#">PCA.00.650.CLIC31Z</a>
Series	00 - NIM-CAMAC

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/ffc-00-650-clac31.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ffc-00-650-clac31.html)

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# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	0.65 - 1 Triax (50 Ohm)
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Impedance	50 Ohms
VSWR	1.1 + 0.11 * f/GHz
Vtest	1200 V (AC), 1700 V (DC)
Cable type	RGT 178
Contact Dia.	0.5 mm (0.02" in)

## Form & Material

Shell style / Model id	FFC - Straight plug with flats on latch sleeve and cable collet, black POM (Delrin® outershell)
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	3.45 g

## Environment

Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
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	Cable collet
Jacket cable outside diameter [mm]	2.80 - 3.10 mm

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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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