



## Summary

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Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.10 - 5.00 mm
Size	1D
Matching parts	<a href="#">ERN.1D.694.CNA</a>

## Technical details

### Electrical Configuration

Quadrax	1
Contact Termination Quadrax	Solder
Insert configuration value	1D.694 - 1 Quadrax
Insulator	N: PBT
Vtest (contact-contact)	420 V (AC), 600 V (DC)
Vtest (contact-shell)	420 V (AC), 600 V (DC)
Contact Type	Solder

[https://www.lemo.com/int\\_en/ffa-1d-694-cnld52z.html](https://www.lemo.com/int_en/ffa-1d-694-cnld52z.html)

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## Form & Material

Shell style / Model id	FFA - Straight plug, 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	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Variant	Nut for fitting a bend relief
Weight	16.19 g

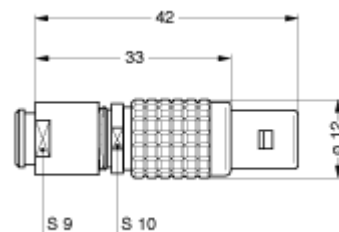
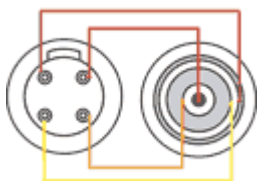
## Environment

Technical domain	Security and Defence, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-40°C / +120°C
Insulating res.	10e11 Ohms
Shielding (min)	70dB (10 MHz)
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.10 - 5.00 mm

## Drawings



[https://www.lemo.com/int\\_en/ffa-1d-694-cnld52z.html](https://www.lemo.com/int_en/ffa-1d-694-cnld52z.html)

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## Dimensions

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	<b>A</b>	<b>L</b>	<b>M</b>
mm.	12	42	33
in.	0.47	1.65	1.3

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