



## Summary

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Fiber optic	4
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.90 - 6.20 mm
Size	4B
Series	B - Indoor keyed

## Technical details

### Electrical Configuration

Fiber optic	4
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	13 Amps
Gender	Reverse Gender

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgj-4b-95d-vlpm62q.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgj-4b-95d-vlpm62q.html)

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## Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
Housing material	Stainless steel shell and mid pieces, Nitronic 60 stainless steel latch sleeve
Locking system	Push-pull
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Variant	Special part (contact LEMO for details)
Weight	140.22 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-40°C / +80°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.90 - 6.20 mm

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