



## Summary

[Request a quote](#)

Low Voltage	8
Wire Size/AWG	24 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	2B
Matching parts	<a href="#">EGG.2B.514.CYM</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-2b-514-cycd62z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-2b-514-cycd62z.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Electrical Configuration

Contact Termination Low voltage	Crimp
Insert configuration value	2B.514 - 8 High Speed, Low Voltage (CAT 6A)
Insulator	Y: PEEK for crimp contacts
Low Voltage	8
Differentiated pairs (High speed)	4
Protocol	1000 Base-T4 (10Gb/s)
Wire Size/AWG	24 - 22
Gender	Standard

## Form & Material

Shell style / Model id	FG - 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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Nut for fitting a bend relief
Weight	30.49 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	-55°C / +250°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]
Salt Spray Corrosion	>1000 hr

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-2b-514-cycd62z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-2b-514-cycd62z.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.20 mm

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-2b-514-cyd62z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-2b-514-cyd62z.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.