



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

Number of contacts Low Voltage	8
Protocol	1000 Base-T4 (10Gb/s)
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eag-2k-514-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eag-2k-514-cln.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.

# Technical details

## Electrical Configuration

Contact Termination Low voltage	PCB - Straight
Insert configuration value	2K.514 - 8 High Speed, Low Voltage (CAT 6A)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Number of contacts Low Voltage	8
Number of differentiated pairs (High speed)	4
Protocol	1000 Base-T4 (10Gb/s)
Gender	Standard

## Form & Material

Shell style / Model id	EA - Fixed socket, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	33.53 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 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/k-outdoor-keyed/eag-2k-514-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eag-2k-514-cln.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.