

Standard



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Summary

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[High speed data transfer](#)

[Customer Drawing](#)

Protocol	USB 3.1 (10Gb/s)
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 18.60 mm
Size	2K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/catalog/product/view/id/422946/s/eag-2k-542-cli/category/26/

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Technical details

Electrical Configuration

Insert configuration value	2K.542 - USB 3.1 (up to 10Gb/s)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Vtest (contact-contact)	0.35 kV DC
Vtest (contact-shell)	0.7 kV DC
Number of differentiated pairs (High speed)	3
Protocol	USB 3.1 (10Gb/s)
Wire Size/AWG	26 - 22
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	37.22 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 (max. temperature valid for short periods of use.)
Climatic 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)
Salt Spray Corrosion	>1000 hr

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Cable fixation

Jacket cable outside diameter [mm]

1.00 - 18.60 mm

Recommended By Lemo

Tools

Spanner 2

DCM.65.225.AZ6

Spanner wrench

Socket for torque wrench DCM.2E.M20.6

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