

Special



*Image for illustrative purpose only*

## Summary

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[Coax triax mixed en](#)

[Customer Drawing](#)

Number of contacts Low Voltage	22
Nb of contacts Coax	6
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.60 - 12.00 mm
Size	4K
Suggested matching part	<a href="#">EEG.4K.894.CLL2</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-4k-894-clac112.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-4k-894-clac112.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	22
Contact Termination Low voltage	Solder
Nb of contacts Coax	6
Contact Termination Coax - Conductor fixing	Solder
Contact Termination Coax - Screen fixing	Crimp
Insulator	L: PEEK (UL 94 / V-0/1.5)
Test voltage (kV DC)	1.3
Coax contact resistance	<6mOhms
Shell elec. Continuity	<2 mOhms
Cable type	RG 178 B/U, RG 196 A/U
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
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	156.67 g

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## 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)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.60 - 12.00 mm

# Recommended By Lemo

## Accessories

Compatible cap	<a href="#">BFG.4K.100.NAS</a>
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## Tools

Coax Tool	<a href="#">DCC.91.050.2LA</a>
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Die Tool	<a href="#">DPE.99.002.5K</a>
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Spanner wrench	<a href="#">DCD.4E.ZZZ.PA190</a>
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