

Standard*Image for illustrative purpose only*

Summary

[Request a quote](#)[Coax triax mixed en](#)[Customer Drawing](#)

Number of contacts Low Voltage	2
Nb of contacts Coax	3
Wire Size/AWG	24 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.60 - 4.00 mm
Size	3K
Suggested matching part	EGG.3K.862.CLL1
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-3k-862-clcc402.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

Number of contacts Low Voltage	2
Contact Termination Low voltage	Crimp
Nb of contacts Coax	3
Contact Termination Coax - Conductor fixing	Crimp
Contact Termination Coax - Screen fixing	Crimp
R (max)	5.8 mOhm
Insert configuration value	3K.862 - 3 Coax (50 Ohm), 2 Low V.
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Impedance	50 Ohms
Test voltage (kV DC)	1.6
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.34 mm ² (AWG 22)
Cable type	RG 178 B/U, RG 196 A/U
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	24 - 20
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	73.7 g

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-3k-862-clcc402.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.

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]	3.60 - 4.00 mm

Recommended By Lemo

Accessories

Replacement contact	FGG.3B.560.ZZC
Compatible cap	BFG.3K.100.NAS

Tools

Die Tool	DPE.99.103.1K
Positionner	DCE.91.093.BVC
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCD.3E.ZZZ.PA150

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-3k-862-clcc402.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.