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Summary

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Nb of contacts Coax	2
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.60 - 3.00 mm
Size	3K
Suggested matching part	EGG.3K.242.CLM1
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-3k-242-clcc301.html

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Technical details

Electrical Configuration

Nb of contacts Coax	2
Contact Termination Coax - Conductor fixing	Crimp
Contact Termination Coax - Screen fixing	Crimp
R (max)	5.8 mOhm
Insert configuration value	3K.242 - 2 Coax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Impedance	50 Ohm
Vtest	1500 V (AC), 2100 V (DC)
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.34 mm ² (AWG 22)
Cable type	RG 174 A/U, RG 188 A/U, RG 316 /U
Contact Dia.	0.7 mm (0.028in)
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	72.94 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.)
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

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.60 - 3.00 mm

Recommended By Lemo

Accessories

Compatible cap	BFG.3K.100.NAS
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Tools

Die Tool	DPE.99.103.8K
Extraction tool	DCC.91.CP1.LAG
Spanner wrench	DCD.3E.ZZZ.PA150

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