

Summary

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Coax	1
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.60 - 5.00 mm
Size	0K
Series	K - Outdoor keyed

Technical details

Electrical Configuration

Coax	1
Contact Termination Coax	Solder
Insert configuration value	0K.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Contact Type	Solder
Gender	Standard

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fga-0k-250-ctak50z.html

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Form & Material

Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
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	2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Variant	Nut for fitting a bend relief

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

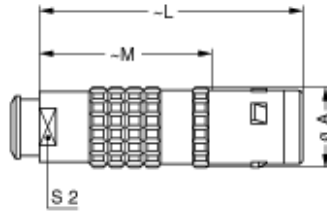
Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.60 - 5.00 mm

Drawings

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fga-0k-250-ctak50z.html

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Dimensions

	L	A	S2	M
mm.	34	11	7	23
in.	1.34	0.43	0.28	0.91

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