



Summary

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Coax	1
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.60 - 3.00 mm
Size	1K
Matching parts	FGA.1K.250.CTAC30
Series	K - Outdoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/pha-1k-250-ctlc30.html

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Electrical Configuration

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

Form & Material

Shell style / Model id	PH - Free receptacle, cable collet
Socket / Receptacle	Free
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)

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental protection (IP rating)	IP68
Minimal temperature	-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

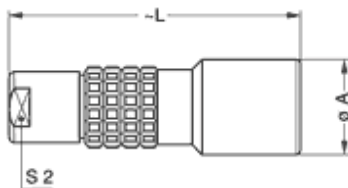
Cable fixation

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

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Drawings



Dimensions

	L	A	S2
mm.	45	15	9
in.	1.77	0.59	0.35

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