

Summary

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Coax	2
Number of contacts Low Voltage	6
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.60 - 7.00 mm
Size	4E
Matching parts	FFA.4E.836.CLLC701
Series	E - Outdoor Stepped Insert

Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Coax	2
Insert configuration value	4E.836 - 2 Coax (50 Ohm), 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Number of contacts Low Voltage	6

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/pca-4e-836-clac701.html

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Form & Material

Shell style / Model id	PCA - 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	Hermaphroditic keying (half moon insert) with male pin 1
Weight	171.76 g

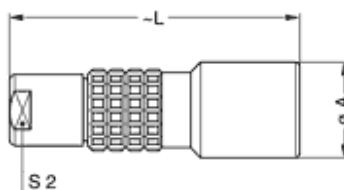
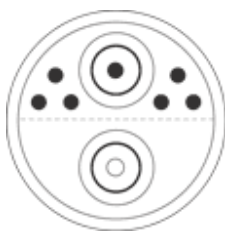
Environment

Technical domain	Energy and Industrial, 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	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.60 - 7.00 mm

Drawings



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Dimensions

	A	L	S2
mm.	29	75.5	19
in.	1.14	2.97	0.75

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