

LC SERIES CONNECTOR



CPC's LC Series chrome-plated brass couplings are built tough and made to last in the most demanding applications. Ideal for use with higher temperature or pressure, the LC Series features a one-hand operation for swift and easy connects and disconnects. These couplings offer the flexibility of multiple configurations and terminations to mate with both the PLC acetal and PLC12 polypropylene couplings.

Specifications ● ● ●

PRESSURE:

Vacuum to 250 psi, 17.3 bar

TEMPERATURE:

-40°F to 180°F (-40°C to 82°C)

MATERIALS:

Main components: Chrome-plated brass

Thumb latch: Stainless steel

Valves: Acetal

Valve springs: 316 stainless steel

External springs and pin: Stainless steel

O-rings: Buna-N

FINISH:

Chrome

TUBING SIZES:

1/4" to 3/8" ID, 6.4mm to 9.5mm ID

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.

FEATURES

Brass material

Chrome plating

CPC thumb latch

Compatible

BENEFITS

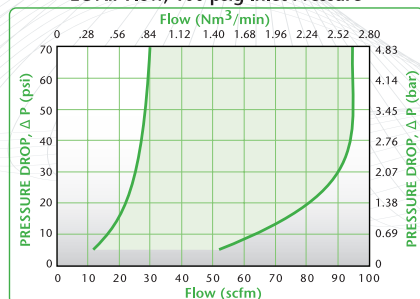
Durable construction withstands higher pressure and temperature

Attractive appearance

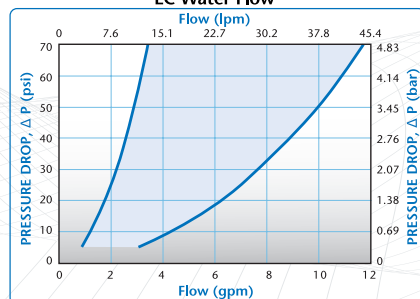
One-hand connection and disconnection

LC mates with PLC Series couplings

LC Air Flow, 100 psig Inlet Pressure

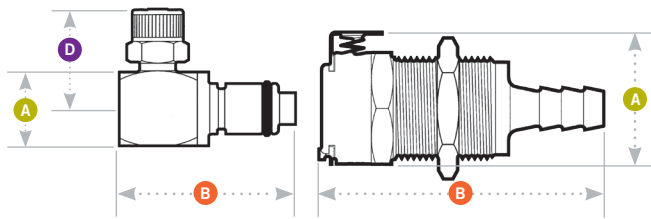


LC Water Flow



These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.

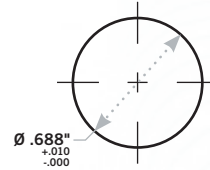
LC DIMENSIONS



- A = Height/Diameter
- B = Total Length
- D = Elbow Radial Length

Product Dimensions

	PANEL OPENING	PANEL THICKNESS MAX.-MIN.	PANEL NUT HEX	PANEL NUT THREAD
COUPLING BODIES	see drawing	.50 — .05	13/16	11/16-24UNEF
COUPLING INSERTS	see drawing	.090— .300	13/16	11/16-24UNEF



Coupling Bodies • CHROME-PLATED BRASS



TERMINATION IN-LINE HOSE BARB

TUBING/THREAD SIZE	METRIC EQ.	NSF PN	STANDARD PN	A	B
1/4" ID	6.4mm	76300	LC17004 NSF	.88	2.00
1/4" ID	6.4mm ID	70800	LCD17004 NSF	.88	2.00
3/8" ID	9.5mm	76400	LC17006 NSF		
3/8" ID	9.5mm	76500	LCD17006 NSF		

PANEL MOUNT HOSE BARB

1/4" ID	6.4mm ID	70300	LCD16004 NSF	.88	2.00
1/4" ID	6.4mm ID	70200	LC16004 NSF	.88	2.00

IN-LINE PIPE THREAD

1/4" NPT		71200	LC10004 NSF	.88	1.15
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Coupling Inserts • CHROME-PLATED BRASS



TERMINATION IN-LINE HOSE BARB

TUBING/THREAD SIZE	METRIC EQ.	NSF PN	STANDARD PN	A	B	D
1/4" ID	6.4mm	70100	LC22004 NSF	.63	1.35	
1/4" ID	6.4mm	70500	LCD22004 NSF	.63	2.00	
3/8" ID	9.5mm	70900	LCD22006 NSF	.63	1.83	

ELBOW HOSE BARB

1/4" ID	6.4mm	70300	LCD23004 NSF	.62	1.43	1.28
3/8" ID	9.5mm	71300	LCD23006 NSF	.62	1.43	1.28

PANEL MOUNT HOSE BARB

1/4" ID	6.4mm	72900	LC42004 NSF	.94	2.11	
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IN-LINE PIPE THREAD

1/4" NPT		71400	LC24004 NSF	.72	1.25	
1/4" NPT		71500	LCD24004 NSF	.72	1.68	
1/4" BSPT		71800	LC24004BSPT NSF	.72	1.25	
1/4" BSPT		71900	LCD24004BSPT NSF	.72	1.68	
3/8" NPT		72200	LC24006 NSF	.87	1.25	
3/8" NPT		72300	LCD24006 NSF	.87	1.55	
3/8" BSPT		72400	LC24006BSPT NSF	.87	1.25	
3/8" BSPT		72500	LCD24006BSPT NSF	.87	1.55	

IN-LINE PIPE THREAD (FEMALE)

1/4" NPT		76400	LC26004 NSF	.72	1.25	
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PANEL MOUNT PIPE THREAD

1/4" PTF		72600	LC40004 NSF	.94	1.83	
3/8" PTF		70700	LCD40006 NSF	.94	2.11	