

# CHROME-PLATED QUICK COUPLINGS

## CHROME-PLATED BRASS

### 1/4" Flow, FT-LC Series

- ✓ Rugged Stainless Steel and Chrome—Plated Brass Construction
- ✓ Pipe Thread, Panel Mount, In Line and Elbow Configurations
- ✓ Attractive Appearance
- ✓ Single Side, Double Side Shutoffs or Straight thru Flow

FT-LC Series Couplings have the durability and attractiveness of Chrome-Plated Brass in 1/4" flow. These couplings are designed for higher pressure applications.



FT-LC Series  
Starts at  
**\$18**



### Coupling Bodies 1/4" Flow

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)							
<b>PIPE THREAD</b> 	MALE THREAD	METRIC EQ	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE	LENGTH
	1/4 NPT	—	FT-LC100-04	\$18	FT-LCD100-04	\$20	1.15"
	3/8 NPT	—	FT-LC100-06	18	FT-LCD100-06	20	1.15"
	1/4 BSPT	—	FT-LC100-04BS	19	FT-LCD100-04BS	20	1.15"
	3/8 BSPT	—	FT-LC100-06BS	19	FT-LCD100-06BS	20	1.15"
<b>PANEL MOUNT*</b> 	<b>Ferruleless Polytube Fitting<sup>††</sup>, PTF</b>						
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE	LENGTH
	1/4 x 0.170"	6 x 4.3	FT-LC120-04	\$30	FT-LCD120-04	\$33	1.87"
	3/8 x 0.250"	9.5 x 6	FT-LC120-06	30	FT-LCD120-06	34	2.00"
	<b>Hose Barb</b>						
	1/4" ID	6.4 ID	FT-LC160-04	\$28	FT-LCD160-04	\$31	2.00"
	5/16" ID	7.9 ID	FT-LC160-05	28	FT-LCD160-05	32	2.00"
	3/8" ID	9.5 ID	FT-LC160-06	28	FT-LCD160-06	31	2.00"
	<b>Male Thread</b>						
	1/4 NPT		FT-LC150-04	\$24	FT-LCD150-04	\$28	1.50"
<b>IN LINE</b> 	<b>Ferruleless Polytube Fitting<sup>††</sup>, PTF</b>						
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE	LENGTH
	1/4 x 0.170"	6 x 4.3	FT-LC130-04	\$34	FT-LCD130-04	\$35	1.87"
	3/8 x 0.250"	9.5 x 6	FT-LC130-06	34	FT-LCD130-06	36	2.00"
	<b>Hose Barb</b>						
	1/4" ID	6.4 ID	FT-LC170-04	\$30	FT-LCD170-04	\$31	2.00"
	5/16" ID	7.9 ID	FT-LC170-05	31	FT-LCD170-05	32	2.00"
	3/8" ID	9.5 ID	FT-LC170-06	30	FT-LCD170-06	31	2.00"

\*Panel Opening = 11/16" Diameter  
 Maximum Panel Thickness = 1/2"  
 (except 1/4" pipe thread 0.35")  
 Minimum Panel Thickness = 0.050"  
 Panel Nuts = 13/16" Hex

† Visit [omega.com/rohs](http://omega.com/rohs) to determine specific RoHS compliance.

†† PTF fittings are designed for semi-rigid tubing i.e. polyethylene, nylon etc. and polyurethane tubing. Acetal and Chrome-Plated Brass coupling halves interchange.

# SPECIFICATIONS

**Working Pressure:** Vacuum to 17.3 bar (250 psi)  
**Operating Temperature:** -40 to 82°C (-40 to 180°F) continuous  
**Materials:**

- Bodies:** Chrome-Plated Brass
- Valves:** Acetal
- Valve Spring:** 316 Stainless Steel
- External Springs, Pin, Latch:** Stainless Steel
- Seals:** Buna, others available

**Tubing Sizes:**

- ¼ thru ¾" ID
- ¼ and ¾" OD
- 6 x 4 mm thru 12 x 10 mm (OD x ID)



## Inserts ¼" Flow

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)							
	THREAD	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE	LENGTH	
	¼ NPT	FT-LC240-04	\$9	FT-LCD240-04	\$19	1.25"	1.53"
	¾ NPT	FT-LC240-06	9	FT-LCD240-06	20	1.25"	1.40"
	¼ NPT Female	FT-LC260-04	9	FT-LCD260-04	19	1.25"	1.75"
	Ferrules Polytube Fitting <sup>††</sup> , PTF						
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE	LENGTH
	¼ x 0.170"	6 x 4.3	FT-LC400-04	\$22	FT-LCD400-04	\$27	1.83"
	¾ x 0.250"	9.5 x 6	FT-LC400-06	22	FT-LCD400-06	27	1.96"
	Hose Barb						
	1/4" ID	6.4 ID	FT-LC420-04	\$18	FT-LCD420-04	\$24	1.96"
	5/16" ID	7.9 ID	FT-LC420-05	19	FT-LCD420-05	25	1.96"
	¾" ID	9.5 ID	FT-LC420-06	19	FT-LCD420-06	25	1.96"
	Ferrules Polytube Fitting <sup>††</sup> , PTF						
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE	LENGTH LC LCD
	¼ x 0.170"	6 x 4.3	FT-LC200-04	\$17	FT-LCD200-04	\$22	1.25" 1.72"
	¾ x 0.250"	9.5 x 6	FT-LC200-06	13	FT-LCD200-06	23	1.38" 1.68"
	Hose Barb						
	1/4" ID	6.4 ID	FT-LC220-04	\$9	FT-LCD220-04	\$19	1.35" 1.85"
	5/16" ID	7.9 ID	FT-LC220-05	9	FT-LCD220-05	20	1.35" 1.85"
	¾" ID	9.5 ID	FT-LC220-06	9	FT-LCD220-06	19	1.35" 1.68"
	Ferrules Polytube Fitting <sup>††</sup> , PTF						
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE	LENGTH
	¼ x 0.170"	6 x 4.3	FT-LC210-04	\$22	FT-LCD210-04	\$24	1.28"
	¾ x 0.250"	9.5 x 6	FT-LC210-06	23	FT-LCD210-06	25	1.28"
	Hose Barb						
	1/4" ID	6.4 ID	FT-LC230-04	\$18	FT-LCD230-04	\$19	1.28"
¾" ID	9.5 ID	FT-LC230-06	18	FT-LCD230-06	20	1.28"	

\* Panel Opening = 1¼" Panel Nut = 13/16" Hex Panel Thickness = 0.32" Max and 0.050" Minimum.

†† PTF fittings are designed for semi-rigid tubing i.e. polyethylene, nylon etc. and polyurethane tubing. Acetal and Chrome-Plated Brass coupling halves interchange.

**Ordering Examples:** FT-LCD160-04, hose barb coupling with shutoff for ¼" ID tubing, FT-LCD220-04, insert with barb for ¼" ID tubing and shutoff \$31 + 19 = \$50.

FT-LCD100-04, ¼ MNPT shutoff coupling body and FT-LCD240-04, ¼ NPT insert, \$20 + 19 = \$39.



#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)  
Manchester, England  
0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)  
Guyancourt, France  
088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)  
Karviná, Czech Republic  
596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)  
Amstelveen, NL  
0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters