

# 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



By Individual  
Model No.†



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.

## Coupling Bodies 1/4" Flow

| To Order                |                                         |                     |                                |                          |                      |
|-------------------------|-----------------------------------------|---------------------|--------------------------------|--------------------------|----------------------|
| <b>PIPE THREAD</b><br>  | <b>Male Thread</b>                      | <b>Metric EQ</b>    | <b>Straight Thru Model No.</b> | <b>Shutoff Model No.</b> | <b>Length (inch)</b> |
|                         | 1/4 NPT                                 | —                   | FT-LC100-04                    | FT-LCD100-04             | 1.15                 |
|                         | 3/8 NPT                                 | —                   | FT-LC100-06                    | FT-LCD100-06             | 1.15                 |
|                         | 1/4" BSPT                               | —                   | FT-LC100-04BS                  | FT-LCD100-04BS           | 1.15                 |
|                         | 3/8" BSPT                               | —                   | FT-LC100-06BS                  | FT-LCD100-06BS           | 1.15                 |
| <b>PANEL MOUNT*</b><br> | <b>Ferrules Polytube Fitting††, PTF</b> |                     |                                |                          |                      |
|                         | <b>Tubing Size OD x ID</b>              | <b>Metric EQ mm</b> | <b>Straight Thru Model No.</b> | <b>Shutoff Model No.</b> | <b>Length (inch)</b> |
|                         | 1/4 x 0.170"                            | 6 x 4.3             | FT-LC120-04                    | FT-LCD120-04             | 1.87                 |
|                         | 3/8 x 0.250"                            | 9.5 x 6             | FT-LC120-06                    | FT-LCD120-06             | 2                    |
|                         | <b>Hose Barb</b>                        |                     |                                |                          |                      |
|                         | 1/4" ID                                 | 6.4 ID              | FT-LC160-04                    | FT-LCD160-04             | 2                    |
|                         | 5/16" ID                                | 7.9 ID              | FT-LC160-05                    | FT-LCD160-05             | 2                    |
|                         | 3/8" ID                                 | 9.5 ID              | FT-LC160-06                    | FT-LCD160-06             | 2                    |
|                         | <b>Male Thread</b>                      |                     |                                |                          |                      |
|                         | 1/4 NPT                                 | —                   | FT-LC150-04                    | FT-LCD150-04             | 1.50                 |
| <b>IN LINE</b><br>      | <b>Ferrules Polytube Fitting††, PTF</b> |                     |                                |                          |                      |
|                         | <b>Tubing Size OD x ID</b>              | <b>Metric EQ mm</b> | <b>Straight Thru Model No.</b> | <b>Shutoff Model No.</b> | <b>Length</b>        |
|                         | 1/4 x 0.170"                            | 6 x 4.3             | FT-LC130-04                    | FT-LCD130-04             | 1.87                 |
|                         | 3/8 x 0.250"                            | 9.5 x 6             | FT-LC130-06                    | FT-LCD130-06             | 2                    |
|                         | <b>Hose Barb</b>                        |                     |                                |                          |                      |
|                         | 1/4" ID                                 | 6.4 ID              | FT-LC170-04                    | FT-LCD170-04             | 2                    |
|                         | 5/16" ID                                | 7.9 ID              | FT-LC170-05                    | FT-LCD170-05             | 2                    |
|                         | 3/8" ID                                 | 9.5 ID              | FT-LC170-06                    | FT-LCD170-06             | 2                    |

\* 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:

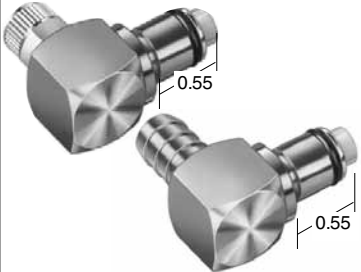
¼ thru ¾" ID

¼ and ¾" OD

6 x 4 mm thru 12 x 10 mm (OD x ID)



## Inserts ¼" Flow

| To Order                                                                            |                                  |                         |                         |                   |        |
|-------------------------------------------------------------------------------------|----------------------------------|-------------------------|-------------------------|-------------------|--------|
| PIPE THREAD                                                                         | Thread                           | Straight Thru Model No. | Shutoff Model No.       | Length            |        |
|                                                                                     |                                  |                         |                         | MC                | MCD    |
|    | ¼ NPT                            | FT-LC240-04             | FT-LCD240-04            | 1.25"             | 1.53"  |
|                                                                                     | ¾ NPT                            | FT-LC240-06             | FT-LCD240-06            | 1.25"             | 1.40"  |
|                                                                                     | ¼ NPT Female                     | FT-LC260-04             | FT-LCD260-04            | 1.25"             | 1.75"  |
| PANEL MOUNT*                                                                        | Ferrules Polytube Fitting††, PTF |                         |                         |                   |        |
|                                                                                     | Tubing Size OD x ID              | Metric EQ mm            | Straight Thru Model No. | Shutoff Model No. | Length |
|   | ¼ x 0.170"                       | 6 x 4.3                 | FT-LC400-04             | FT-LCD400-04      | 1.83"  |
|                                                                                     | ¾ x 0.250"                       | 9.5 x 6                 | FT-LC400-06             | FT-LCD400-06      | 1.96"  |
|                                                                                     | Hose Barb                        |                         |                         |                   |        |
|   | ¼" ID                            | 6.4 ID                  | FT-LC420-04             | FT-LCD420-04      | 1.96"  |
|                                                                                     | ⅝" ID                            | 7.9 ID                  | FT-LC420-05             | FT-LCD420-05      | 1.96"  |
|                                                                                     | ¾" ID                            | 9.5 ID                  | FT-LC420-06             | FT-LCD420-06      | 1.96"  |
| STRAIGHTS                                                                           | Ferrules Polytube Fitting††, PTF |                         |                         |                   |        |
|                                                                                     | Tubing Size OD x ID              | Metric EQ mm            | Straight Thru Model No. | Shutoff Model No. | Length |
|  | ¼ x 0.170"                       | 6 x 4.3                 | FT-LC200-04             | FT-LCD200-04      | 1.25"  |
|                                                                                     | ¾ x 0.250"                       | 9.5 x 6                 | FT-LC200-06             | FT-LCD200-06      | 1.38"  |
|                                                                                     | Hose Barb                        |                         |                         |                   |        |
|  | ¼" ID                            | 6.4 ID                  | FT-LC220-04             | FT-LCD220-04      | 1.35"  |
|                                                                                     | ⅝" ID                            | 7.9 ID                  | FT-LC220-05             | FT-LCD220-05      | 1.35"  |
|                                                                                     | ¾" ID                            | 9.5 ID                  | FT-LC220-06             | FT-LCD220-06      | 1.35"  |
| ELBOWS                                                                              | Ferrules Polytube Fitting††, PTF |                         |                         |                   |        |
|                                                                                     | Tubing Size OD x ID              | Metric EQ mm            | Straight Thru Model No. | Shutoff Model No. | Length |
|  | ¼ x 0.170"                       | 6 x 4.3                 | FT-LC210-04             | FT-LCD210-04      | 1.28"  |
|                                                                                     | ¾ x 0.250"                       | 9.5 x 6                 | FT-LC210-06             | FT-LCD210-06      | 1.28"  |
|                                                                                     | Hose Barb                        |                         |                         |                   |        |
|  | ¼" ID                            | 6.4 ID                  | FT-LC230-04             | FT-LCD230-04      | 1.28"  |
|                                                                                     | ¾" ID                            | 9.5 ID                  | FT-LC230-06             | FT-LCD230-06      | 1.28"  |

\* Panel Opening = 11/16" Panel Nut = 13/16" Hex Panel Thickness = 0.32" maximum 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 interchangeable.

**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.

FT-LCD100-04, ¼ MNPT shutoff coupling body and FT-LCD240-04, ¼ NPT insert.