# **MULTI-MOUNT SERIES CONNECTOR**



**Multi-Mount couplings** provide one easy-to-use coupling for connecting from three to five lines at once. Multi-mount couplings are available in a wide variety of materials including acetal and chrome-plated brass. Multi-mounts are keyed to prevent mismatched connections and can be configured with or without valves for maximum design flexibility.

FEATURES	BENEFITS			
Three to five line connection	Fast, efficient operation			
Separate flow paths	Pressure and/or vacuum in one coupling			
Insert is keyed to body	Ensures correct line orientation			
Acetal or chrome-plated brass	Maximize design flexibility			

### Specifications • • •

### PRESSURE:

Minimum: Vacuum

Maximum: Brass = 500 psi / no. of stations or Acetal = 240 psi / no. of stations

### **TEMPERATURE:**

-40°F to 180°F (-40°C to 82°C)

#### **MATERIALS:**

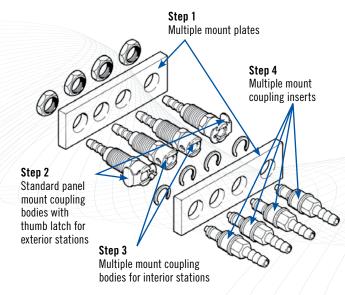
Main components: Acetal or chrome-plated brass Thumb latch: Stainless steel Mounting Plate: Black anodized aluminum Valves: Acetal Valve spring: 316 stainless steel External springs and pin: Stainless steel O-ring: Buna-N

### TUBING SIZES:

1/8" to 3/8" ID, 3.2mm to 9.5mm ID

Retaining clip is included with each insert Multiple mount inserts are designed for mounting in 1/4" thick plates

Note: To order in chrome-plated brass, eliminate the "P" at the beginning of the part number.



## Four-Step Multi-Mount Ordering Process

**STEP 1:** Determine flow size and termination type.

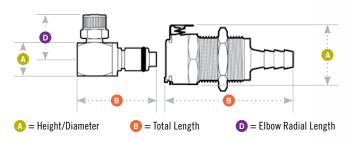
**STEP 2:** Order two "multiple mount plates" (one for the coupling bodies and one for the coupling inserts) with the appropriate number of connection stations for your specific application (available in 3, 4, or 5 connections, or construct your own). Refer to next page.

**STEP 3:** Order two "standard panel mount coupling bodies with thumb latches" for the exterior stations.

**STEP 4:** Order an appropriate number of "multiple mount coupling bodies without thumb latches" to accommodate the remaining interior stations.

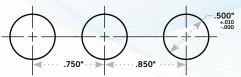
**STEP 5:** Order an appropriate number of "multiple mount inserts" to connect with standard and multiple mount bodies.

## **MULTI-MOUNT SERIES DIMENSIONS**

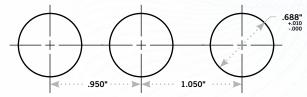


Multiple mount plates are keyed to prevent misconnections. Multiple mount minimum coupling spacing: CPC offsets the last hole on the mounting plates so they cannot be misconnected.





### LM SERIES 1/4" Flow



### Multiple Mount Plates

tes Information in RED indicates 1/8" flow couplings. These are not compatible with 1/4" flow couplings in non-shaded sections.

### **Retaining Rings**

PART NO.

278100

(REPLACEMENTS)

COUPLING

**SERIES** 

MC/PMC *LC/PLC* 

3 CP103 2.60 LCP103	3.00	
	5.00	
4 CP104 3.35 LCP104	3.35	
5 CP105 4.10 LCP105	4.90	

## **Coupling Bodies • ACETAL**

P	TERMINATION PANEL MOUNT FERRULELESS POLYTUBE FITTING, PTF†	<b>TUBING/THREAD SIZE</b> 1/4" OD, .17" ID 1/4" OD, .17" ID 3/8" OD, .25" ID	6.4mm OD, 4.3mm ID 6.4mm OD, 4.3mm ID 9.5mm OD, 6.4mm ID	PLM12004 PLM12006	SHUTOFF PMMD1204 PLMD12004 PLMD12006	A .72 .94 .94	B 1.72 1.82 1.95	0
star and a star a sta	PANEL MOUNT HOSE BARB	1/8" ID 3/16" ID 1/4" ID 1/4" ID 5/16" ID 3/8" ID	3.2mm ID 4.8mm ID 6.4mm ID 6.4mm ID 7.9mm ID 9.5mm ID	PMM1602 PMM1603 PMM1604 PLM16004 PLM16005 PLM16006	PMMD1602 PMMD1603 PMMD1604 PLMD16004 PLMD16005 PLMD16006	.72 .72 .94 .94 .94	1.65 1.85 1.85 1.95 1.95 1.95	
	PANEL MOUNT FEMALE THREAD	10-32 UNF		PMM181032	PMMD181032	.72	1.25	

## **Coupling Inserts • ACETAL**

PTF†

TERMINATION IN-LINE FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, .17" ID 1/4" OD, .17" ID	METRIC EQ. 4.0mm OD, 2.5mm ID 6.4mm OD, 4.3mm ID 6.4mm OD, 4.3mm ID 9.5mm OD, 6.4mm ID	<b>STRAIGHT THRU</b> PMM20025 PMM2004 PLM20004 PLM20006	<b>SHUTOFF</b> PMMD20025 PMMD2004 PLMD20004 PLMD20006	A .58 .72 .72	B 1.86/1.96 1.77/1.87 2.10/2.23 2.02/2.15	0
IN-LINE Hose Barb	1/8" ID 3/16" ID 1/4" ID 1/4" ID 5/16" ID 3/8" ID	3.2mm ID 4.8mm ID 6.4mm ID 6.4mm ID 7.9mm ID 9.5mm ID	PMM2202 PMM2203 PMM2204 PLM22004 PLM22005 PLM22006	PMMD2202 PMMD2203 PMMD2204 PLMD22004 PLMD22005 PLMD22006	.56 .58 .58 .72 .72 .72	1.87/1.97 2.08/2.18 1.83/1.93 2.20/2.33 2.20/2.33 2.03/2.16	
ELBOW FERRULELESS POLYTUBE FITTING,	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PMM2104	PMMD2104	.53	1.41/1.51	.77

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted. **†NOTE:** CPC's Ferruleless Polytube Fitting terminations do not require ferrules to achieve a secure connection, which makes them easier to use and reuse. PTF fittings are designed for semi-rigid tubing, i.e., polyethylene, nylon, polyurethane, etc.