

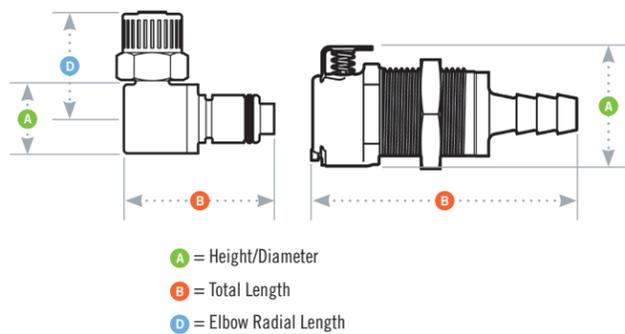
PLC® SERIES DIMENSIONS

COUPLING BODIES - Acetal

TERMINATION	TUBING/THREAD SIZE	METRIC EQ	STRAIGHT THRU	SHUTOFF	A	B
IN-LINE PIPE THREAD	1/4" NPT		PLC10004	PLCD10004	0.9 (22.9)	1.17 (29.7)
	1/4" BSPT		PLC10004BSPT	PLCD10004BSPT	0.9 (22.9)	1.15 (29.2)
	3/8" NPT		PLC10006	PLCD10006	0.9 (22.9)	1.15 (29.2)
	3/8" BSPT		PLC10006BSPT	PLCD10006BSPT	0.9 (22.9)	1.15 (29.2)
PANEL MOUNT FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, 0.17" ID	6.4mm OD, 4.3mm ID	PLC12004	PLCD12004	0.88 (22.4)	1.87 (47.5)
	–	8.0mm OD, 6.0mm ID	PLC120M8	PLCD120M8	0.88 (22.4)	1.95 (49.5)
	3/8" OD, 0.25" ID	9.5mm OD, 6.4mm ID	PLC12006	PLCD12006	0.88 (22.4)	1.95 (49.5)
	–	10.0mm OD, 8.0mm ID	PLC120M10	PLCD120M10	0.88 (22.4)	1.95 (49.5)
PANEL MOUNT HOSE BARB	1/4" ID	6.4mm ID	PLC16004	PLCD16004	0.88 (22.4)	1.95 (49.5)
	5/16" ID	7.9mm ID	PLC16005	PLCD16005	0.88 (22.4)	1.95 (49.5)
	3/8" ID	9.5mm ID	PLC16006	PLCD16006	0.88 (22.4)	1.95 (49.5)
PANEL MOUNT JG® PUSH-TO-CONNECT	1/4" OD	6.4mm OD	PLC11004	PLCD11004	0.88 (22.4)	1.95 (49.5)
IN-LINE FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, 0.17" ID	6.4mm OD, 4.3mm ID	PLC13004	PLCD13004	0.94 (23.9)	1.82 (46.2)
	–	8.0mm OD, 6.0mm ID	PLC130M8	PLCD130M8	0.94 (23.9)	1.95 (49.5)
	3/8" OD, 0.25" ID	9.5mm OD, 6.4mm ID	PLC13006	PLCD13006	0.94 (23.9)	1.95 (49.5)
	–	10.0mm OD, 8.0mm ID	PLC130M10	PLCD130M10	0.94 (23.9)	1.95 (49.5)
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	PLC17004	PLCD17004	0.94 (23.9)	1.80/1.95 (45.7/49.5)
	5/16" ID	7.9mm ID	PLC17005	PLCD17005	0.94 (23.9)	1.95 (49.5)
	3/8" ID	9.5mm ID	PLC17006	PLCD17006	0.94 (23.9)	1.80/1.95 (45.7/49.5)
IN-LINE JG® PUSH-TO-CONNECT	1/4" OD	6.4mm OD	PLC14004	PLCD14004	0.94 (23.9)	1.95 (49.5)
	3/8" OD	9.5mm OD	PLC14006	PLCD14006	0.94 (23.9)	2.09 (53.1)

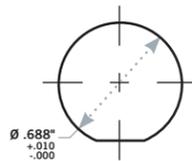
All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted.
 †NOTE: CPC's Ferruleless Polytube Fitting terminations do not require ferrules to achieve a secure connection, which makes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

PRODUCT DIMENSIONS



PANEL DIMENSIONS

	PANEL OPENING	PANEL THICKNESS MAX.-MIN.	PANEL NUT HEX	PANEL NUT THREAD
COUPLING BODIES	see drawing	0.50 – 0.05	13/16	11/16-24UNEF
COUPLING INSERTS	see drawing	0.30 – 0.05	13/16	11/16-24UNEF



COUPLING INSERTS - Acetal

TERMINATION	TUBING/THREAD SIZE	METRIC EQ	STRAIGHT THRU	SHUTOFF	A	B	D
IN-LINE PIPE THREAD	1/4" NPT		PLC24004	PLCD24004	0.72 (18.3)	1.25/1.66 (31.8/42.2)	
	1/4" BSPT		PLC24004BSPT	PLCD24004BSPT	0.72 (18.3)	1.53/1.66 (38.9/42.2)	
	3/8" NPT		PLC24006	PLCD24006	0.87 (22.1)	1.25/1.63 (31.8/41.4)	
	3/8" BSPT		PLC24006BSPT	PLCD24006BSPT	0.87 (22.1)	1.51/1.63 (38.4/41.4)	
PANEL MOUNT FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, 0.17" ID	6.4mm OD, 4.3mm ID	PLC40004	PLCD40004	0.94 (23.9)	1.78/1.91 (45.2/48.5)	
	–	8.0mm OD, 6.0mm ID	PLC400M8	PLCD400M8	0.94 (23.9)	1.91/2.03 (48.5/51.6)	
	3/8" OD, 0.25" ID	9.5mm OD, 6.4mm ID	PLC40006	PLCD40006	0.94 (23.9)	1.91/2.05 (48.5/52.1)	
	–	10.0mm OD, 8.0mm ID	PLC400M10	PLCD400M10	0.94 (23.9)	1.91/2.05 (48.5/52.1)	
PANEL MOUNT HOSE BARB	1/4" ID	6.4mm ID	PLC42004	PLCD42004	0.94 (23.9)	1.91/2.05 (48.5/52.1)	
	5/16" ID	7.9mm ID	PLC42005	PLCD42005	0.94 (23.9)	1.91/2.05 (48.5/52.1)	
	3/8" ID	9.5mm ID	PLC42006	PLCD42006	0.94 (23.9)	1.91/2.05 (48.5/52.1)	
PANEL MOUNT JG® PUSH-TO-CONNECT	1/4" OD	6.4mm OD	PLC41004	PLCD41004	0.94 (23.9)	1.91/2.05 (48.5/52.1)	
IN-LINE FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, 0.17" ID	6.4mm OD, 4.3mm ID	PLC20004	PLCD20004	0.72 (18.3)	1.25/1.88 (31.8/73.2)	
	–	8.0mm OD, 6.0mm ID	PLC200M8	PLCD200M8	0.72 (18.3)	1.38/1.82 (35.1/46.2)	
	3/8" OD, 0.25" ID	9.5mm OD, 6.4mm ID	PLC20006	PLCD20006	0.72 (18.3)	1.38/1.82 (35.1/46.2)	
	–	10.0mm OD, 8.0mm ID	PLC200M10	PLCD200M10	0.72 (18.3)	1.38/1.82 (35.1/46.2)	
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	PLC22004	PLCD22004	0.62 (15.7)	1.35/1.99 (34.3/50.6)	
	5/16" ID	7.9mm ID	PLC22005	PLCD22005	0.62 (15.7)	1.35/1.99 (34.3/50.6)	
	3/8" ID	9.5mm ID	PLC22006	PLCD22006	0.62 (15.7)	1.36/1.81 (34.5/46.0)	
IN-LINE JG® PUSH-TO-CONNECT	1/4" OD	6.4mm OD	PLC29004	PLCD29004	0.62 (15.7)	1.35/1.95 (34.3/49.5)	
	3/8" OD	9.5mm OD	PLC29006	PLCD29006	0.78 (19.8)	1.51/2.11 (38.4/53.6)	
ELBOW FERRULELESS POLYTUBE FITTING, PTF†	3/8" OD, 0.25" ID	9.5mm OD, 6.4mm ID	PLC21006	PLCD21006	.61/.62 (15.45/15.8)	1.22/1.35 (31.0/34.3)	0.85/0.96 (21.6/24.4)
ELBOW HOSE BARB	1/4" ID	6.4mm ID	PLC23004	PLCD23004	.67/.63 (17.0/16.0)	1.10/1.28 (27.9/32.5)	0.85/0.96 (21.6/24.4)
	3/8" ID	9.5mm ID	PLC23006	PLCD23006	.67/.63 (17.0/16.0)	1.25/1.28 (31.8/32.5)	0.90/0.96 (22.9/24.4)

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