

Blue Diamond Industries

www.bdiky.com

Blue Diamond manufactures a wide range of microduct sizes and configurations. Microducts are becoming increasingly popular with engineers and owners due to the thirst for 1G+ broadband speed, and with the advent of microfiber cables. They allow home-runs from node to customer, without splicing and empty ducts for future connections, all within the same trench footprint. Whether microtrenching, installing Fiber to the Home, 5G wireless, or highspeed business campuses, microducts from Blue Diamond can be the right solution.



Blue Diamond offers both single tube and multi-tube combinations. Our multi-tube duct is offered in both regular wall and heavy wall overshooth options. Other standard features include: ribbed inside wall, multiple color options (see Page 2 of our catalog for a full list of colors), permanent SuperGlide™ interior, overshoothed in various combinations.

Single Tube Microduct

Size	Nominal OD	Weight lbs/ft	Bend Radius* (in)
12/10mm	12	0.022	9
12.7/10mm	12.7	0.030	10
14/10mm	14	0.048	11
16/13mm	16	0.043	13
16/12mm	16	0.056	13
18/14mm	18	0.064	14



Multi-tube Microduct

*Available in various combinations not listed below

Package	Nominal OD (in)	Overshoot Wall (in)	Package Weight lbs/ft	Bend Radius Unsupported* (In.)	Safe Pull** (lbs)
12.7/10 7-way	1.68	0.07	0.357	34	1417
16/13 7-way	1.90	0.07	0.468	38	1855
12.7/10 4-way	1.14	0.07	0.266	23	978
14/10 4-way	1.25	0.07	0.322	25	1278
14/10 3-way	0.74	0.07	0.198	15	788
16/12 3-way	0.98	0.07	0.242	20	959
14/10 2-way	0.73	0.07	0.145	15	576
18/14 2 way	1.18	0.07	0.198	24	784

*PPI recommended 20 times OD for the bend radius

**Safe pull is 50% of yield strength