



Direct Buried Microduct (Metallic or Non-metallic)

Direct Buried Microduct, each with low friction performance suitable for fiber blowing, is surrounded by a layer of moisture-barrier metallic or non-metallic tape and a flexible Sheath of HDPE.

- Recommended for direct burial in prepared ground
- Double sheath to improve crush and bending resistance
- Low friction internal coating for maximum fiber blowing distance
- Can be customized to suit user requirements(style, color, marking)

* Non-metallic microduct properties

5/3.5mm	OD(mm)	Max. Tensile(N)	Weight (kg/km)	Bend Radius(mm)	Crush(N)	Standard length(m)/drum	Drum size(mm)	Gross weight(kg/km)	Number of drums in 40
1way	12.4± 0.5	1,100 (1,000)*	113 (105)*	165	2000	2000	455*1100	250	80
2way	17.4x12.4± 0.6	1,600 (1,500)	160 (149)	230*165	2000	2000	550*1330	410	34
4way	19.4± 0.6	2,200 (2,100)	226 (210)	255	2000	2000	720*1400	550	25
7way	22.4± 0.75	2,800 (2,600)	290 (270)	295	2000	2000	720*1600	710	21
12way	28.3± 1.0	4,200 (3,900)	425 (399)	375	2000	2000	1100*1650	1000	14
19way	32.3± 1.0	5,300 (5,000)	544 (513)	420	2000	2000	1100*1850	1270	12
24way	37.9± 1.0	6,800 (6,400)	691 (652)	500	2000	2000	1100*2200	1670	10

7/5.5mm	OD(mm)	Max. Tensile(N)	Weight (kg/km)	Bend Radius(mm)	Crush(N)	Standard length(m)/drum	Drum size(mm)	Gross weight(kg/km)	Number of drums in 40
1way	14.4± 0.5	1,400 (1,300)	141 (131)	190	2000	2000	550*1220	360	37
2way	21.4x14.4± 0.75	2,000 (1,900)	209 (193)	280*190	2000	2000	550*1570	540	29
4way	24.3± 0.75	3,000 (2,700)	302 (280)	320	2000	2000	720*1740	750	20
7way	29.8± 1.0	4,400 (4,200)	453 (426)	390	2000	2000	1100*1700	1060	14
12way	37.2± 1.0	6,100 (5,800)	627 (590)	490	2000	2000	1100*2140	1530	11

8/6mm	OD(mm)	Max. Tensile(N)	Weight (kg/km)	Bend Radius(mm)	Crush(N)	Standard length(m)/drum	Drum size(mm)	Gross weight(kg/km)	Number of drums in 40
1way	15.4± 0.5	1,600 (1,500)	161 (149)	200	2000	2000	550*1290	405	36
2way	23.4x15.4± 0.8	2,400 (2,200)	242 (224)	310*200	2000	2000	550*1700	620	28
4way	28.1± 0.8	4,100 (3,800)	415 (390)	370	2000	2000	1100*1610	970	14
7way	32.8± 1.0	5,300 (5,000)	544 (513)	430	2000	2000	1100*1870	1270	12
12way	41.2± 1.2	7,500 (7,100)	766 (725)	540	2000	1000	1100*1790	950	13

Direct Buried Microduct (Metallic or Non-metallic)

10/8mm	OD(mm)	Max. Tensile(N)	Weight (kg/km)	Bend Radius(mm)	Crush(N)	Standard length(m)/drum	Drum size(mm)	Gross weight(kg/km)	Number of drums in 40
1way	17.4± 0.6	1,900 (1,700)	190 (176)	230	2000	2000	550*1450	480	32
2way	27.4x17.4± 0.8	2,900 (2,700)	293 (271)	360*230	2000	2000	720*1680	725	21
4way	32.9± 1.0	5,000 (4,700)	506 (476)	430	2000	2000	1100*1880	1200	12
7way	38.8± 1.0	6,600 (6,200)	669 (632)	510	2000	2000	1100*2220	1630	10

12/10mm	OD(mm)	Max. Tensile(N)	Weight (kg/km)	Bend Radius(mm)	Crush(N)	Standard length(m)/drum	Drum size(mm)	Gross weight(kg/km)	Number of drums in 40
1way	19.4± 0.6	2,100 (2,000)	220 (203)	255	2000	2000	720*1450	550	24
2way	31.4x19.4± 0.8	3,400 (3,100)	344 (318)	410*255	2000	2000	720*1900	850	18
4way	37.8± 1.0	5,800 (5,500)	597 (561)	500	2000	2000	1100*2170	1470	10
7way	44.8± 1.2	7,800 (7,300)	796 (750)	580	2000	1000	1100*1900	1000	12

