



Blulight™ DI Multi (Direct install Multi)

Direct install multi Microduct are designed for installation duct and sub duct. This product will install in the existed infrastructure with high crush resistance.

The thin wall of inner tube can make it easy to bend or fix inside of cabinet or closure. Flexibility of tube is excellent for bending or fixing inside of cabinet or closure. It is strong against lightning, electrical surge.



1 way



2 way



3 way



4 way



5 way



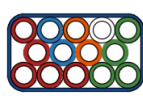
6 way



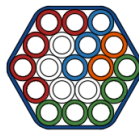
7 way



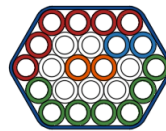
12 way



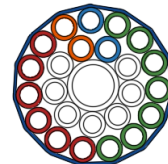
14 way



19 way



24 way



24+1 way

All Knet Microduct has the excellent blowing performance with a silicone coated inner tube.

Optional Features

- Various configurations with different size between 5/3.5mm and 12/10mm
- Wide range of number of inner tube from 1 way to 24+1 way
- Ribbed & Smooth Type
- Rip cords
- Insulated Locatable copper wire

Mechanical Performance Test compliance

Tensile Performance: IEC 60794-1-21 Method E1

Bend: IEC 60794-1-21 Method E11

Kink: IEC 60794-1-21 Method E10

Impact: IEC 60794-1-21 Method E4

Crush: IEC 60794-1-21 Method E3

Inner Clearance: IEC 60794-5-20 Ann.E

Compliant to Telcordia GR 3155-CORE

Material

HDPE Inner tube and Outer sheath

Marking

Meter marking & Customized marking

Color

Outer Sheath and Inner tube color can be customized

Temperature Performance

Storage and Transportation: -40°C to +60°C

Installation: -20°C to +50°C

Operation: -40°C to +60°C

Maximum Air Pressure (Blowing)

15bar



Microduct Assemblies Technical Details

5/3.5mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	5.0	100	10	60	700	2,000	500
1way	7.0	270	28	90	1,000	2,000	140
2way	12.0 x 7.0	460	47	90	1,000	2,000	96
3way	12.0 x 11.3	590	61	140	1,000	2,000	88
4way	12.0	740	76	150	1,000	2,000	41
5way	17.0 x 11.3	880	90	140	1,000	2,000	36
6way	15.7 x 14.5	1,000	103	180	1,000	2,000	33
7way	17.0 x 15.7	1,110	114	190	1,000	2,000	33
12way	22.0 x 20.0	1,710	175	240	1,000	2,000	22
14way	27.0 x 15.7	2,010	206	190	1,000	2,000	22
19way	27.0 x 24.3	2,500	256	300	1,000	2,000	18
24way	32.0 x 24.4	3,060	313	300	1,000	2,000	14
24+1way	31.9	3,410	348	390	1,000	2,000	12

8/6mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	8.0	200	21	60	700	2,000	104
1way	10.0	470	48	120	1,000	2,000	96
2way	18.0 x 10.0	820	84	120	1,000	2,000	40
3way	18.0 x 16.9	1,100	113	210	1,000	2,000	32
4way	18.0	1,380	141	220	1,000	2,000	24
5way	26.0 x 16.9	1,660	170	210	1,000	2,000	21
6way	23.9 x 22.0	1,920	196	270	1,000	2,000	19
7way	26.0 x 23.9	2,140	219	290	1,000	2,000	19

10/8mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	10.0	300	27	120	700	1,000	130
1way	12.0	580	60	150	1,000	2,000	80
2way	22.0 x 12.0	1,030	106	150	1,000	2,000	32
3way	22.0 x 20.7	1,390	142	250	1,000	2,000	22
4way	22.0	1,750	179	270	1,000	2,000	19
5way	32.0 x 20.7	2,100	215	250	1,000	2,000	14
6way	29.3 x 27.0	2,440	249	330	1,000	2,000	13
7way	32.0 x 29.3	2,720	278	360	1,000	2,000	12



12/10mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	12.0	300	33	150	700	2,000	66
1way	14.0	700	72	170	1,000	2,000	40
2way	26.0 x 14.0	1,250	128	170	1,000	2,000	24
3way	26.0 x 24.4	1,680	172	300	1,000	2,000	19
4way	26.0	2,110	216	320	1,000	2,000	14
5way	38.0 x 24.4	2,540	260	300	1,000	2,000	12
6way	34.8 x 32.0	2,950	302	390	1,000	2,000	11
7way	38.0 x 34.8	3,310	338	420	1,000	2,000	10

Internationally Certified

KNET has met and maintains the rigorous standards required to become a Certified ISO 9001, ISO 14001 and TL9000 manufacturer. KNET Microduct Assemblies has been rigorously tested by Telcordia Technologies and found to be compliant to Telcordia GR-3155-CORE.



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