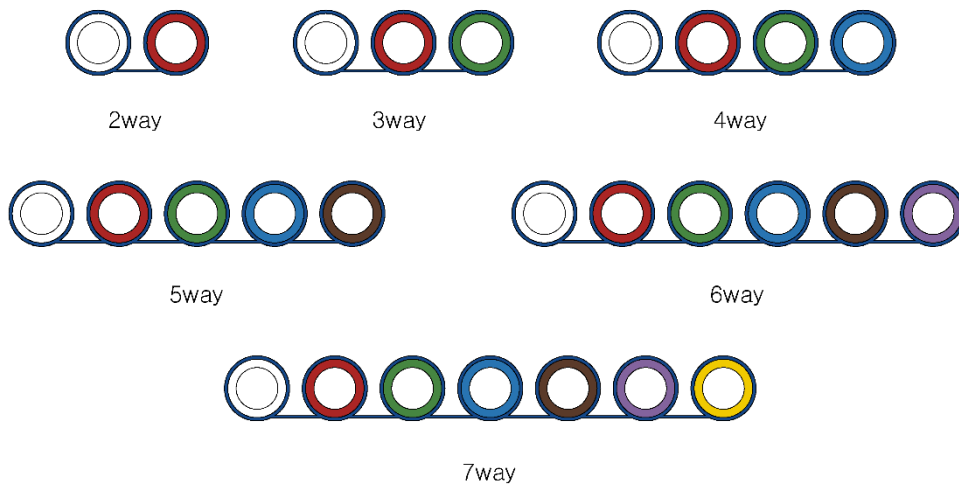




Blulight™ LINK Duct



LINK DUCT is lucrative solution for distribution point. Easy tear down characteristic of tube makes branch off work in distribution point can be done without cutting the primary tube and connector. Thus, installer can save time and additional material cost as they can connect each connection point without mid-span or branch connection. Like Direct buried Flat Duct, Direct Buried Link Duct is perfect for micro trenching application, it can be placed vertically with narrow width of the trenching 10-30mm. Moreover, with the wall thickness same as the TWD's, the customer can enjoy all the same benefit of TWD.



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

Optional Features

- Various configurations with different size between 7/3.5mm and 20/16mm
- Wide range of number of inner tube from 1 way to 7 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

7/3.5mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	7.0	300	28	90	1,000	2,000	104
2way	20.2x8.6	1,100	95	110	2,000	2,000	37
3way	31.8x8.6	1,700	144	110	3,000	2,000	32
4way	43.4x8.6	2,300	193	110	3,000	2,000	24
5way	55x8.6	2,900	242	110	3,000	2,000	21
6way	66.6x8.6	3,700	291	110	3,000	2,000	19
7way	78.2x8.6	4,000	340	110	3,000	2,000	14
8way	89.8x8.6	4,600	389	110	3,000	2,000	13
9way	101.4x8.6	5,200	438	110	3,000	2,000	12

10/6mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	10.0	500	48	120	1,000	2,000	110
2way	26.2x11.6	1,800	151	140	2,000	2,000	25
3way	40.8x11.6	2,700	229	140	3,000	2,000	21
4way	55.4x11.6	3,600	306	140	3,000	2,000	18
5way	70x11.6	4,500	383	140	3,000	1,000	21
6way	84.6x11.6	5,500	461	140	3,000	1,000	19
7way	99.2x11.6	6,400	538	140	3,000	1,000	18

12/8mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	12.0	700	60	150	1,000	2,000	66
2way	30.2x13.6	2,200	185	170	2,000	2,000	24
3way	46.8x13.6	3,300	280	170	3,000	2,000	18
4way	63.4x13.6	4,500	375	170	3,000	2,000	13
5way	80.0x13.6	5,600	470	170	3,000	2,000	11
6way	96.6x13.6	6,700	564	170	3,000	1,000	14
7way	113.2x13.6	7,900	659	170	3,000	1,000	12



14/10mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	14.0	800	72	170	1,000	2,000	60
2way	34.2x15.6	2,600	220	190	2,000	2,000	21
3way	52.8x15.6	3,900	332	190	3,000	2,000	13
4way	71.4x15.6	5,300	444	190	3,000	2,000	11
5way	90.0x15.6	6,600	556	190	3,000	1,000	13
6way	108.6x15.6	8,000	668	190	3,000	1,000	12
7way	127.2x15.6	9,300	780	190	3,000	1,000	11

16/12mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	16.0	1,000	84	200	1,000	1,000	88
2way	38.2x17.6	3,000	254	220	2,000	2,000	18
3way	58.8x17.6	4,500	383	220	3,000	2,000	12
4way	79.4x17.6	6,100	513	220	3,000	1,000	14
5way	100.0x17.6	7,700	642	220	3,000	1,000	12
6way	120.0x17.6	9,200	772	220	3,000	1,000	11
7way	141.2x17.6	10,000	901	220	3,000	800	10

18/14mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	18.0	1,100	96	220	1,000	1,000	66
2way	42.2x19.6	3,400	288	240	2,000	1,750	14
3way	64.8x19.6	5,200	435	240	3,000	1,750	11
4way	87.4x19.6	6,900	582	240	3,000	1,000	12
5way	110.0x19.6	8,700	729	240	3,000	1,000	11
6way	132.6x19.6	10,000	876	240	3,000	1,000	10
7way	155.2x19.6	11,000	1,023	240	3,000	800	10



20/16mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of drums in 40'
Single Tube	20.0	1,200	108	240	1,000	1,000	30
2way	46.2x21.6	3,800	322	260	2,000	1,000	21
3way	70.8x21.6	5,800	486	260	3,000	1,000	13
4way	95.4x21.6	7,800	651	260	3,000	1,000	11
5way	120.0x21.6	9,700	815	260	3,000	1,000	10
6way	144.6x21.6	10,000	980	260	3,000	800	10
7way	169.2x21.6	11,000	1,144	260	3,000	500	11

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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