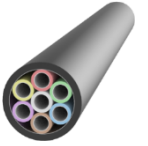
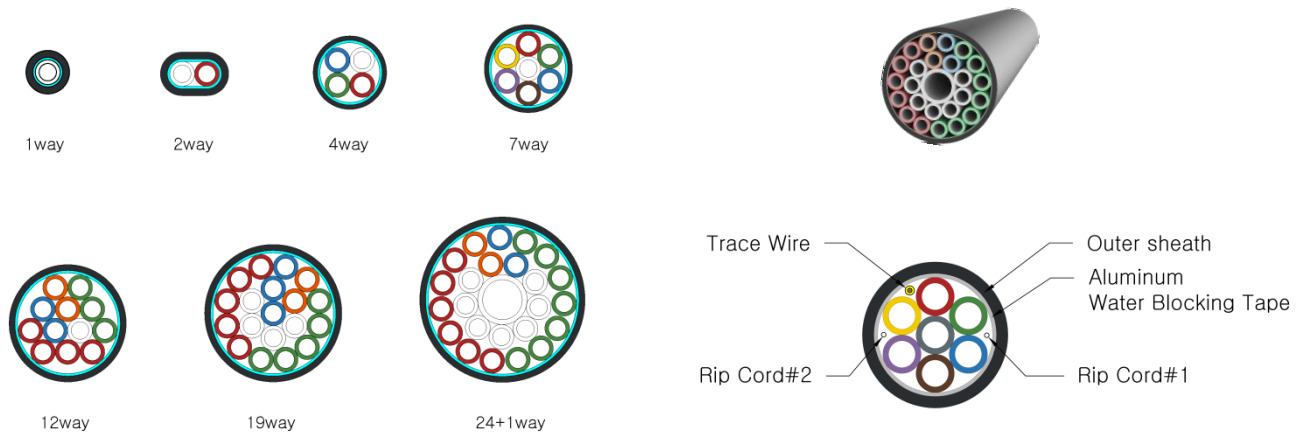




Blulight™ DI AL (Direct Install Aluminum)



DIRECT INSTALL ALUMINUM duct is for installation duct and sub duct. This product will install in the existed infrastructure to maximize DI-AL advantage with the Aluminum tape which helps to block the water from the extreme wet soil condition. It is recommended to earth regular interval with aluminum or use metal free products.



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	8.4	600	50	110	1,500	2,000	104
2way	13.4x8.4	930	78	110	1,500	2,000	44
4way	15.5	1,400	123	190	1,500	2,000	36
7way	18.4	2,000	168	230	1,500	2,000	32
12way	23.7	2,900	246	290	1,500	2,000	21
19way	27.7	4,000	337	340	1,500	2,000	18
24+1way	33.3	5,300	447	400	1,500	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	11.4	940	79	140	1,500	2,000	44
2way	19.4x11.4	1,500	130	140	1,500	2,000	33
4way	22.7	2,500	210	280	1,500	2,000	22
7way	27.4	3,600	301	330	1,500	2,000	18
12way	36.2	5,700	477	440	1,500	2,000	11

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	13.4	1,100	97	170	1,500	2,000	40
2way	23.4x13.4	1,900	161	170	1,500	2,000	29
4way	27.9	3,300	279	340	1,500	2,000	18
7way	33.8	4,700	398	410	1,500	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	15.4	1,300	115	190	1,500	2,000	36
2way	27.4x15.4	2,300	192	190	1,500	2,000	22
4way	32.8	4,000	335	400	1,500	2,000	12
7way	39.8	5,700	479	480	1,500	1,000	12



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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