



- Central Strength Member, Steel or FRP (Fiber Re-inforced Plastic)
- Color Coded Fiber
- Filling Gel
- PBT (Polybutylene Terephthalate Tube)
- Filling Gel
- Outer Jacket

OUTDOOR LOOSE TUBE DUCT CABLE

FEATURES

- 2 to 144 fibers. Low to high density design. Higher fiber counts are available upon request.
- HDPE sheath which have very good tensile strength and tear resistance.
- Loose tube design provides outstanding optical fiber protection.
- Jelly filled loose tube prevents water migration.

APPLICATIONS

- Backbone cable for Local Area Network system (LAN) and Wide Area Network. (WAN)
- Long haul telecommunication systems.
- Installation in outdoor area.

ITEM		DESCRIPTION					
Fiber Count		1 to 36	48 to 60	72	84 to 96	108 to 120	132 to 144
Tube	Number of Tube	1 to 6	4 to 5	6	7 or 8	9 or 10	11 or 12
	Fiber Per Tube	6	12				
	Tube Size	1.5-2.1mm					
Number of Fillers		5 to 0	1 to 0	0	1 or 0		
Central Strength Member (FRP)		2.25mm					
Cable	Diameter	11.5mm	12.0mm	13.0mm	15.0mm	17.0mm	19.0mm
	Weight	95 kg/km	105 kg/km	120 kg/km	165 kg/km	210 kg/km	265 kg/km
Maximum Pulling Tension		2700 N					
Crush Resistance		30 N/mm					
Storage Temperature		-40° C ~ +85° C					
Operating Temperature		-30° C ~ +85° C					
Bending Radius	Static	115mm	120mm	130mm	150mm	170mm	190mm
	Dynamic	230mm	240mm	260mm	300mm	340mm	380mm