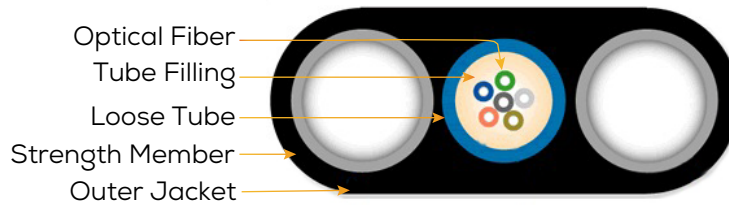


Flat Drop Cable 1-12F



LiteLinx Flat Drop Cable is specifically engineered for a range of installation methods, including self-supporting, direct-buried, and duct setups. Its fully dielectric design makes it an excellent choice for drop applications, ensuring convenient access and straightforward installation.

The cable incorporates two parallel dielectric strength members, eliminating the need for bonding or grounding, and providing outstanding crush resistance. Additionally, the FRP (Fiber Reinforced Plastic) strength members are coated with EAA to enhance their adhesion properties. Can be ordered as pre-connected, choose from 1 FO to 12 FO.

Structure Design:

- Central tube PBT
- Fiber 1-12F ITU-T G657A1
- Central tube containing fibers and filled with a suitable water tightness filling compound
- Two parallel FRP as reinforcement
- Sheath HDPE

Highlights:

- Low friction Installation
- Flexible and kink resistant
- Rapid cable termination

Specifications:

Fiber Count	1 to 12F	
Central Tube	Material	BPT
	Diameter (mm)	3.0
	Water Blocking	Tube Filling Compound
Reinforcement Elements	Material	FRP
	Size (mm)	1.6
Outer Jacket	Material	HDPE
	Thickness	0.8mm
Overall Diameter (mm)(± 0.3)		4.5*8.1
Weight	Kg/Km	37
Temperature Range:	Operation	-40°C~+60°C
	Storage	-50°C~+70°C
	Installation	-20°C~+60°C

Optical Characteristics:

Attenuation Coefficient	@1310nm	≤ 0.36 dB/Km
	@1550nm	≤ 0.22 dB/Km

Full compliance with the ITU-T G.657.A1 standard

Mechanical Performance:

- There is no leakage detected at the cable end during the Water Penetration Test according to IEC 60794-1-F5B.
- No jacket cracking or fiber breakage in Tensile Loading, Torsion, Crush/Impact Resistance, Repeated Bending, and Temperature Cycling tests per IEC Standards.

Color Code:

The individual fibers and loose tubes comply with the TIA/EIA-598-A standard.