

**LP-OC34140124ZC All dielectric Flat Drop Mini LT Fiber Optical Cable with 12 singlemode 9/125, Full spectrum, low water peak ITU-T G.625.D/B1.3 Loose tube fibers, Single PE Jacket, self supporting, Two Strength members FRP**

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### Features

- Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission properties.
- Simple structure, light weight, high tensile strength.
- Two parallel FRP strength members ensure good performance of crush resistance to protect the fiber.
- With ZC B1.3 (G652D) Cores.



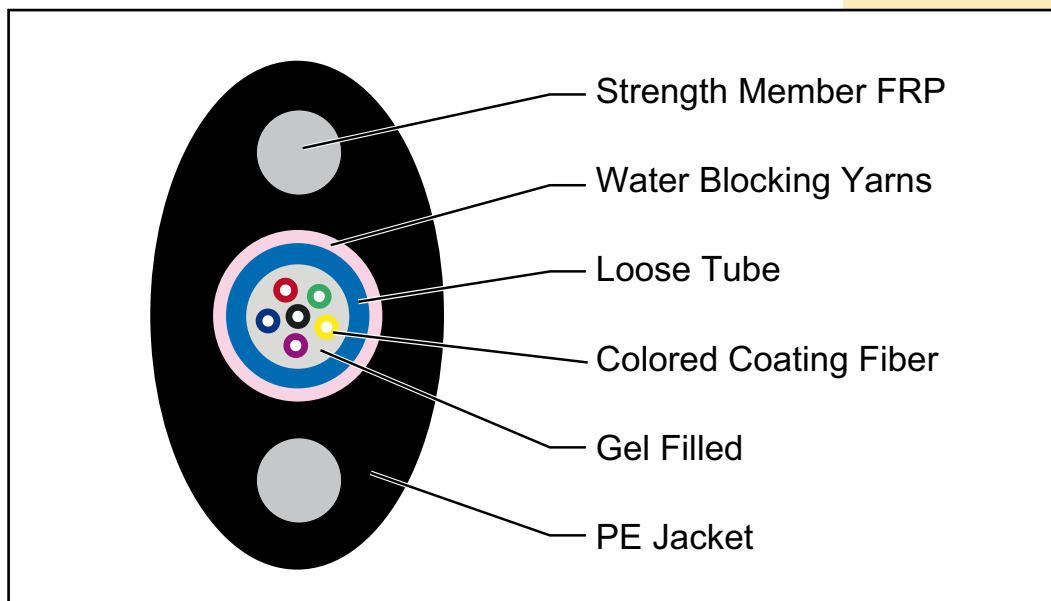
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The **LP-OC34140124ZC** Loose Tube Aerial Outdoor Self supporting All Dielectric, Flat Drop Mini LT Fiber Cable with PE Jacket with twelve (12) singlemode cores is designed for Fiber-To-The-Home premises, Aerial Outdoor environment applications.

The optical fibers are placed inside a protective Loose Tube filled with Gel for water blocking and surrounded additionally with water blocking yarns.

Two FRP strength members are placed at the sides and covered with weather resistant PE jacket.

**A Cable Section**



**B Cable Parameters**

ITEMS		SPECIFICATIONS
Colored Coating Fiber	Dimension	250 μm ± 15μm
	Fiber Count	12 Blue, Orange, Green, Brown, Grey, Natural, Red, Black, Yellow, Purple, Pink, Aqua.
Loose Tube	Dimension	2.0 mm ±0.05 mm
	Material	PBT
	Color	Natural
Strength Member	Diameter	1.5 mm
	Material	FRP
Jacket	Cable Width (mm)	8.5 ± 0.5 mm
	Cable Thickness (mm)	5.5±0.5 mm
	Cable Weight (kg/km)	45.0
	Material	PE
	Color	Black

**C Mechanical and Environmental Characteristics**

ITEMS	UNITE	SPECIFICATIONS
Tension (Long Term)	N	600 (135 pounds)
Tension (Short Term)	N	1500 (337 pounds)
Crush (Long Term)	N/10 cm	300
Crush (Short Term)	N/10 cm	1000
Min. Bending Radius (Dynamic)	mm	20D
Min. Bending Radius (Static)	mm	10D
Installation Temperature	°C	-20 to +60
Operating Temperature	°C	-40 to +70
Storage Temperature	°C	-40 to +70

**D How to Order:**

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