

LP-OC33130017ZF Drop Fiber Optical Cable with one (1) Colored coating fiber, LSZH-rated Jacket, self supporting, central steel wire, Bow type, Two Strength members FRP and 1 singlemode ITU-T G657.A2 fiber cores.

LPOC33130017ZF_SS_ENB01W

Features:

- Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission properties.
- Simple structure, light weight, high tensile strength.
- 1 Fiber singlemode ITU-T G657.A2.
- Two parallel FRP strength members ensure good performance of crush resistance to protect the fiber.
- A steel wire is added for self support enabling it to be used in outdoor aerial Fiber To The Home (FTTH) applications.
- Novel groove design, easily strip and splice, simplified installation and maintenance.

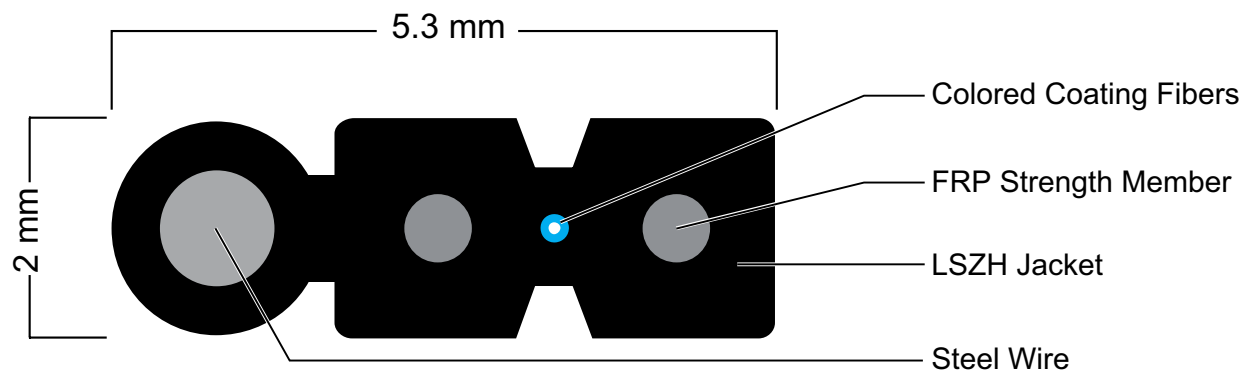


**LP-OC33130017ZF
Drop Fiber Optical Cable FTTH
(Fiber-to-the-home) with one (1) Colored coating fibers,
LSZH-rated Jacket, self supporting, central steel wire,
Bow type, Two Strength members FRP and 1 singlemode
ITU-T G657.A2 fiber cores.**

The **LP-OC33130017ZF** is a family of cables designed for Fiber-To-The-Home (FTTH) Aerial Outdoor environment applications.

The optical fibers are placed in the center. Two FRP strength members are placed at the sides. A steel wire is added for self support enabling it to be used in outdoor aerial Fiber-To-The-Home (FTTH) applications.

LanPro uses only the finest fiber strands brands in the world. Usually from Corning® but also from Prysmian® or other recognized brands depending on the availability at the moment of the production.

A Cable Section**B Cable Parameters**

ITEMS		SPECIFICATIONS
Fiber Count		1
Colored Coating Fiber	Dimension	$250 \pm 15 \mu\text{m}$
Strength Member	Dimension	0.5 mm
	Material	FRP
Self Supporting Member	Dimension	1.0 mm
	Material	Steel
Jacket	Dimension	$5.3 \pm 0.2 \text{ mm} \times 2.2 \pm 0.1 \text{ mm}$
	Material	LSZH
	Color	Black

C Mechanical and Environmental Characteristics

ITEMS	UNITS	SPECIFICATIONS
Tension (Long Term)	N	300
Tension (Short term)	N	600
Crush (Long Term)	N/10 cm	300
Crush (Short Term)	N/10 cm	2200
Min. Bending Radius (Dynamic)	mm	20 D
Min. Bending Radius (Static)	mm	10 D
Installation Temperature	°C	-10 to +50
Operating Temperature	°C	-20 to +65
Storage Temperature	°C	-20 to +65
Attenuation (1310/1550 nm)	dB/km	$\leq 0.4 / \leq 0.3$
Nominal linear weight	kg/km	≤ 25

D How to Order**LP-OC33130017ZF**

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