

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.



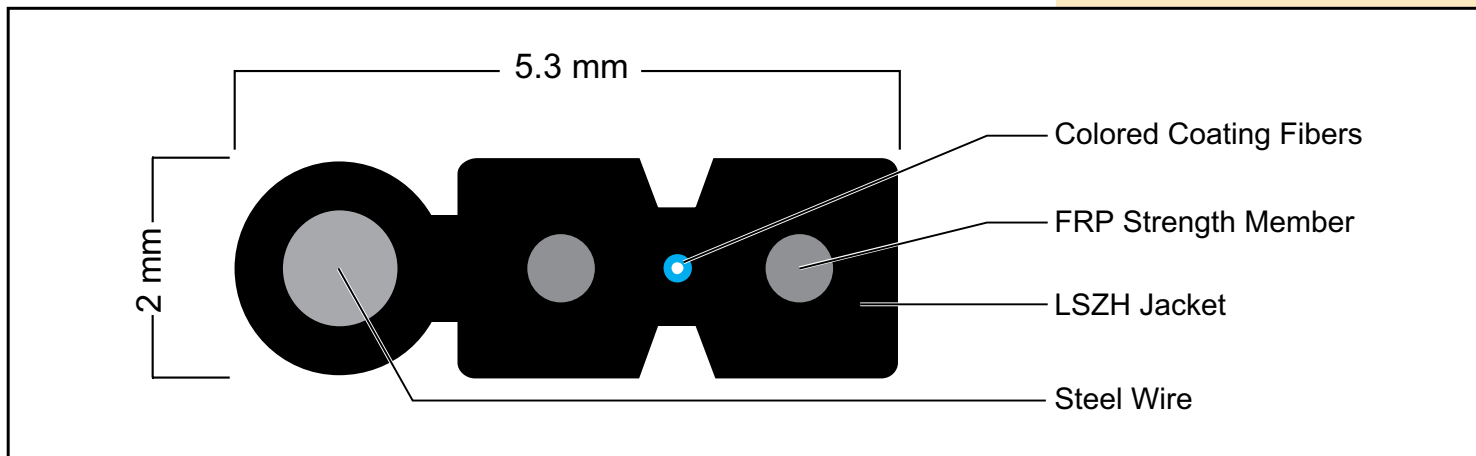
**LP-OC33130017ZF
Drop Fiber Optical Cable FTTH
(Fiber-to-the-home) with one (1) Colored coating fibers,
LSZH-rated Jacket, self supporting, central steel wire,
Bow type, Two Strength members FRP and 1 singlemode
ITU-T G657.A2 fiber cores.**

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 ± 15 µm |
| Strength Member | Dimension | 0.5 mm |
| | Material | FRP |
| Self Supporting Member | Dimension | 1.0 mm |
| | Material | Steel |
| Jacket | Dimension | 5.3 ± 0.2 mm x 2.2 ± 0.1 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 | ≤0.4 / ≤0.3 |
| Nominal linear weight | kg/km | ≤25 |

D How to Order**LP-OC33130017ZF**

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