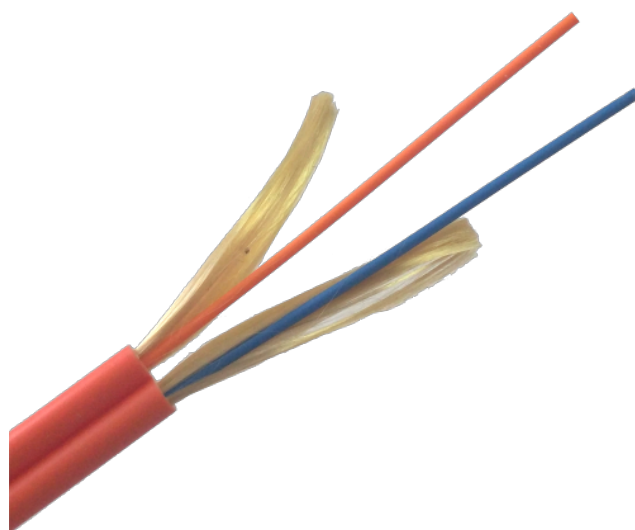


## Fiber optics cable, ZIP-cord



**Product Code:** [LAN-OFC-ZI2-yy-zz](#)

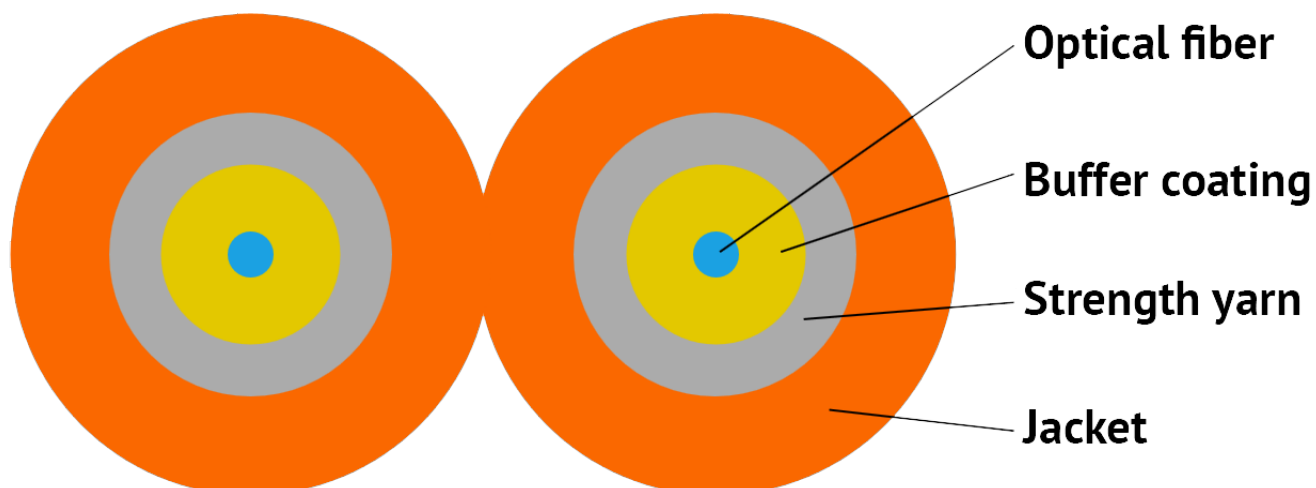
Fiber optics cable, ZIP-cord

### Description

#### Application:

Duplex optical cable for cabling indoors to the work areas and making patch cords.

#### Design:



The cable consists of two optical fibers in a tight 900 µm buffer, surrounded by aramid yarn, each fiber is covered with a separate jacket.

### Weight and Dimensions

|                                   |          |
|-----------------------------------|----------|
| Fiber count                       | 2        |
| Cable dimensions ( $\pm 0.2$ ) mm | 2.85*5.8 |
| Cable weight ( $\pm 2$ ) kg/km    | 15,6     |

### Operating conditions

|                       |                              |                    |
|-----------------------|------------------------------|--------------------|
| Minimum Bend Radius   | Without pulling tension      | 10 cable diameters |
|                       | With maximum pulling tension | 20 cable diameters |
| Temperature range(°C) | Installation                 | -20~+70            |
|                       | Storage                      | -40~+70            |
|                       | Storage                      | -40~+70            |

### Physical specifications

| No | Specification                               | Value         |
|----|---------------------------------------------|---------------|
| 1  | Maximum pulling tension (short term impact) | 100 N         |
| 2  | Crush resistance (short term impact)        | 500 (N/100mm) |

### Attenuation:

| Wavelength | Units. | G652D single-mode | 50/125 multi-mode |
|------------|--------|-------------------|-------------------|
| 850nm      | dB/km  |                   | 3.0               |
| 1300nm     | dB/km  |                   | 1.0               |
| 1550nm     | dB/km  | 0.3               |                   |
| 1310nm     | dB/km  | 0.4               |                   |

### Applicable optical fibers:

| Identifier | Description                                                                                                                                              |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| SU         | Single-mode fiber with extended operating wavelength and reduced attenuation and low bending loss (ITU G.652D+G.657.A1 recommendation)                   |
| S2         | Single-mode fiber with an extended bandwidth of operating wavelengths (ITU-T G.652D recommendation)                                                      |
| S5         | Single-mode positive non-zero dispersion shifted fiber (ITU-T G.655 recommendation)                                                                      |
| S7         | Single-mode with low bending loss (ITU-T G.657 recommendation)                                                                                           |
| M1         | Multi-mode with core to cladding ratio 62,5/125 $\mu\text{m}$ (IEC 60793-2-10 A1b type recommendation)                                                   |
| M2         | Multi-mode with core to cladding ratio 50/125 $\mu\text{m}$ (ITU-T G.651 recommendation and IEC 60793-2-10 type A1a.1 requirements)                      |
| M3         | Multi-mode with low bending loss and core to cladding ratio 50/125 $\mu\text{m}$ (ITU-T G.651 recommendation and IEC 60793-2-10 A1a.2 type requirements) |
| M4         | Single-mode fiber with extended operating wavelength and reduced attenuation and low bending loss (ITU G.652D+G.657.A1 recommendation)                   |

### Cable jacket color:

| Fiber type                   | Fiber type |
|------------------------------|------------|
| Single-mode - SU, S2, S5, S7 | Yellow     |
| M2                           | Orange     |
| M3                           | Aqua       |

M4  
**Product code**  
 LAN-OFC-ZI2-yy-zz

Purple  
**Description**

FO cable, indoor, ZIP cord, LSZH, 2 fibers, SM G657/OS2  
 Ultra/OS2/OM1/OM2/OM3/OM4, color

**yy** – fiber type (SU, S2, S5, S7, M1, M2, M3, M4)

**zz** - jacket type - LS (LSZH)

## Model range

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| LAN-OFC-ZI2-S7-LS | Indoor FO cable, ZIP cord, LSZH, 2 fibers, G657 SM, yellow |
| LAN-OFC-ZI2-S2-LS | Indoor FO cable, ZIP cord, LSZH, 2 fibers, OS2 SM, yellow  |
| LAN-OFC-ZI2-M2-LS | Indoor FO cable, ZIP cord, LSZH, 2 fibers, OM2 MM, orange  |
| LAN-OFC-ZI2-M3-LS | Indoor FO cable, ZIP cord, LSZH, 2 fibers, OM3 MM, aqua    |
| LAN-OFC-ZI2-M4-LS | Indoor FO cable, ZIP cord, LSZH, 2 fibers, OM4 MM, purple  |

Product descriptions are listed according to the available information at the time of publication. Product specifications can be changed without advanced notification. More detailed and exact information can be obtained from the official partners and distributors of LANMASTER.