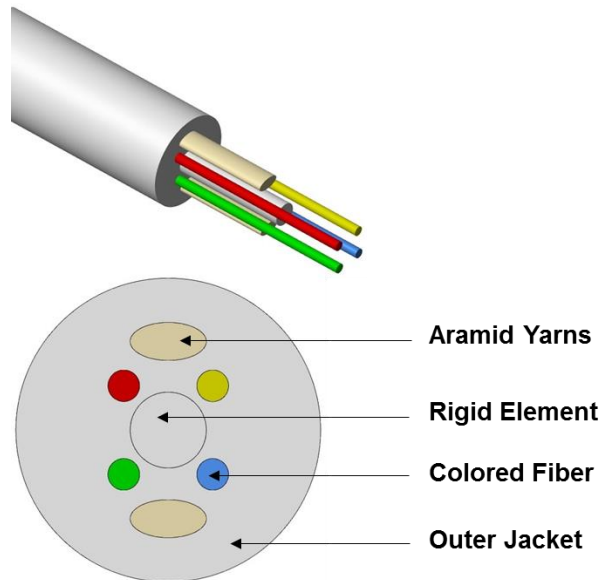


BrightCore® EasyPull: 2.4 mm, Article-No. 64591007

Structure



Description

This **FTTH BrightCore® pre-connected (2 x LC/APC) indoor cable** (in accordance to IEC 60794) is suited for indoor installations between Building Entry Point (BEP) and Optical Telecommunications Outlet (OTO). It is especially designed to optimize installations by pulling.

This BrightCore® EasyPull cable has high tensile strength by possessing one rigid element made from FRP and additional aramid yarns. The cable contains **4 colored optical fibers**. The cable outer jacket is made from flame retardant LSZH material.

Features

- Small size and low weight
- Soft, flexible and easy to strip (fast fiber access)
- Low friction rate
- Easy installation
- Tight bending radius
- Excellent mechanical and thermal performance
- Environmental-friendly packaging



Applications

- Used as indoor (drop) cables for Fiber in the Home (FITH) applications, optimized for installations by pulling
- Used as connections in data processing equipment and optical telecommunication equipment

BrightCore® EasyPull: 2.4 mm, Article-No. 64591007

Specifications and Performance

| | | |
|-------------------------|--------------|------------------|
| Diameter [mm] | | 2.4 |
| Number of fibers | | 4 |
| Weight [kg/km] | | 6.0 |
| Allowed tension [N] | Long Term | 100 |
| | Short Term | 250 |
| Allowed crush [N/100mm] | Long Term | 1000 |
| | Short Term | 2000 |
| Min. Bend radius [mm] | Dynamic | 40 |
| | Static | 10 |
| Temperature | Installation | -20 °C to +60 °C |
| | Service | -40 °C to +80 °C |
| | Storage | -40 °C to +85 °C |

Standards

| | |
|-----------------------------------|--|
| Temperature | IEC 60794-1-2 F1 |
| Tensile performance | IEC 60794-1-2 E1 |
| Crush resistance | IEC 60794-1-2 E3 |
| Impact | IEC 60794-1-2 E4 |
| Repeated bending | IEC 60794-1-2 E6 |
| Torsion | IEC 60794-1-2 E7 |
| Bending | IEC 60794-1-2 E11 |
| Zero halogen, non-corrosive gases | IEC 60754-1/-2, EN 50267-2-1/-2-2, VDE 0482-267-2-1/-2-2 |
| Flame retardant | IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2 |
| Minimum smoke emission | IEC 61034-1/-2, EN 61034-1/-2 (EN 50268-1/-2) |

Options

| | |
|---------------|---|
| Optical fiber | G.657.A2 |
| Jacket color | White |
| Fiber colors | Red, green, blue and yellow |
| Connectors | 2 x LC/APC on the red and green fibers |
| Cable length | 20 m |