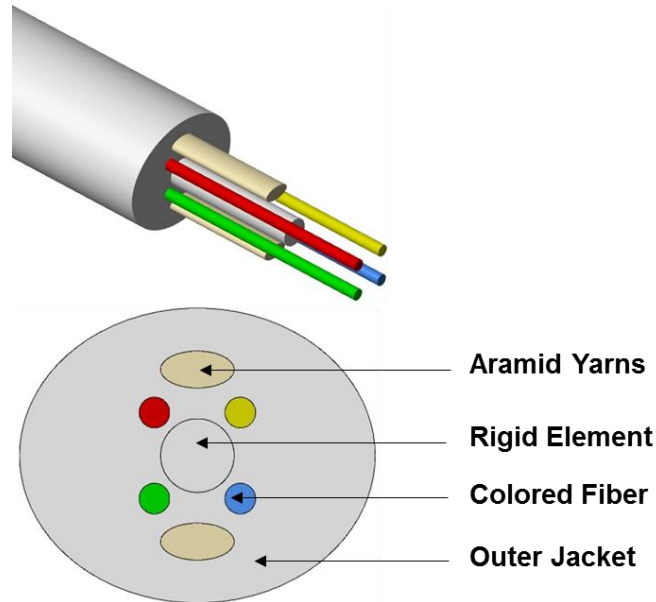


BrightCore® EasyPull: 2.4x2.9 mm, Article-No. 64591002

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: 2.4x2.9 mm, Article-No. 64591002

Specifications and Performance

Diameter [mm]		2.4x2.9
Number of fibers		4
Weight [kg/km]		7.5
Allowed tension [N]	Long Term	200
	Short Term	400
Allowed crush [N/100mm]	Long Term	1000
	Short Term	3000
Min. Bend radius [mm]	Dynamic	45
	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	30 m