



NCB-FS09X-FBLS-02

2 Core FTTH Fiber Cable

INTRODUCTION

D-Link 2 Core FTTH Fiber Cable is an enhanced performance FTTH solution, constructed with two single mode/bend sensitive fibers (ITU-TG657A/G652D), protected by two strength member having a final LSZH jacket, used for FTTH application between the apartment's central communication room and the apartment/office point. Cable enclosed a 0.250mm fiber, and it's suitable for standard connector of industry.

CABLE BENEFITS:

- Flat drop cable is very light and easy to install and strip.
- Industry standard connectors can be used for direct termination because of standard 250 µm fiber size.
- Colored fiber for easy identification.
- Low Smoke Zero Halogen compound as outer jacket.
- Better for internal use.

PRODUCT SPECIFICATION

- Single Mode Optical Fiber
- Maximum Cabled Fiber Attenuation dB/Km at 1310nm : 0.38 dB/Km & at 1550nm : 0.28 dB/Km
- Embedded Strength Member: Dielectric strength member
- Sheathing: Low Smoke Zero Halogen
- Color Code: White/Black
- Maximum Cabled Fiber Attenuation dB/Km @ 1310nm: 0.38 and 1550nm: 0.28

CABLE CONFIGURATION

| Fiber Count | Sheath Color | Fiber Color | Weight of Cable | Cable Size | Cable Length in one Reel |
|-------------|--------------|-------------|-----------------|-----------------------------------|--------------------------|
| Numbers | | | Nominal (kg/km) | (Height : +0.2 mm Width : +0.2mm) | (Meters) |
| 2 | White | BL, OR | 10kg/km | 2.0mm x 3.0mm | 2000 + 5% |

| Test | Test Standard | Testing Value | Acceptance Criteria |
|---------------------|-------------------|----------------|--|
| Tensile Strength | IEC-60794-1-2-E1 | 100N | Change in attenuation <0.05 db/km, No crack, no brake in fiber |
| Temperature Cycling | IEC-60794-1-2-F1 | -20 C to + 70C | |
| Cable Bend Radius | IEC-60794-1-2-E11 | 15B | |
| Crush Test | IEC-60794-1-2-E3 | 500N/100mm | |

| Product No. | Description | Color |
|-------------------|---|-------|
| NCB-FS09X-FDLS-02 | 02 Core Single Mode Flat Drop FTTH Indoor/Outdoor Fiber Cable - LSZH Sheath (2 km roll) | White |
| NCB-FS09X-FBLS-02 | 02 Core Single Mode Flat Drop FTTH Indoor/Outdoor Fiber Cable - LSZH Sheath (2 km roll) | Black |