

Fiber Optic Cable, Fiber Optic Cable

Outdoor 2-Core Fiber Optic FTTH Drop Cable-1000m

Outdoor 2-Core
Fiber Optic FTTH
Drop Cable

Product Description

This FTTH Drop Cable is used in high speed and broadband telecommunication applications. It is suitable for both indoor and outdoor applications. The indoor fiber construction comprises of 2 cores optical fibers, 2 parallel FRP (Fiber Reinforced Plastic) strength member and LSZH Jacket. Outdoor FTTH flat cable is made of Flame Retardant Black PE and has a supporting wire for aerial installation. Fiber used in these cables are bend insensitive and can be used for applications where multiple bends are present. These light weight cables are suitable for direct installation in Villas, Multi dwelling units and have excellent crush and impact resistance properties.

Feature:

- .Special low-bend-sensitivity fiber provides high bandwidth and Excellent communication transmission property;
- .Two parallel FRP strength members ensure good performance of crush resistance to protect the fiber;
- .Simple structure, light weight and high practicability;
- .Novel flute design, easily strip and splice, simplify the installation and maintenance;
- .Low smoke, zero Halogen and flame retardant jacket;

Specification:

Performance Units Single mode ITU-T G.657A
Attenuation (dB/km) dB/km ≤ 0.4 at 1310nm ≤ 0.3 at 1550nm
Fiber Count cores 2
Fiber Coating color Red, Green, Blue, White
Cable Outer jacket color Black, White, Grey
Cable Dimension mm 3.1*2.0 (1-2cores indoor); 5.3*2.0 (1-2cores outdoor);
Mode Field Diameter μm 8.6 ± 0.5
Mode Field Concentricity μm ≤ 0.8
Cladding Diameter μm 125 ± 1.0
Cladding Non-Circularity % ≤ 1.0
Coating Diameter μm 242 ± 10
Bending loss (Bare Fiber) Radius: 7.5mm x 1 turn dB ≤ 0.5 at 1550nm
minimum bent radius mm 15
Storage Temperature $\pm 1/2^{\circ}\text{C}$ -40~60

