

## Indoor FTTH Fiber Drop Cable

Indoor FTTH flat drop cable or bow-type drop optical cable are used for last mile solution in FTTH project. Two paralleled strength member which either to be FRP or Steel provides good tensile strength. features of small size and light weight, soft, anti-rodent to deploy them easily in Fiber to Home or fiber to office service , realize the high speed transmission and high resolution for video, audio and data signals.

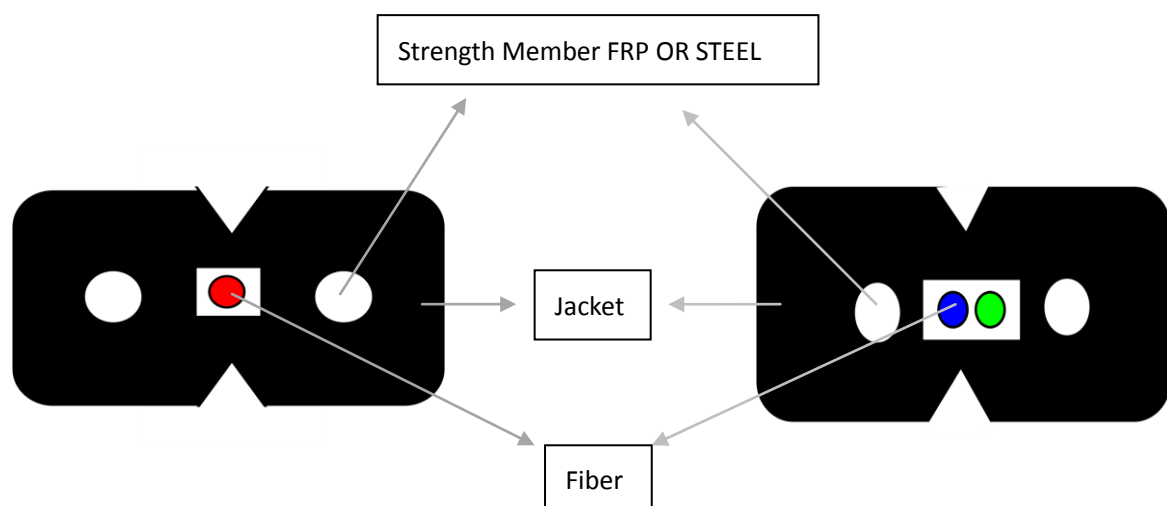
### Features

1. Simple structure, light weight and high tensile strength.
2. PVC or fire resistant LSZH jacket for option environment-friendly and good security.
3. Special groove design, easily strip and splice, simplified installation and maintenance.
4. Two parallel steel wires/FRP strength members ensure tensile strength and crush resistance
5. Color can be black, white or customized
6. Have extensive fiber for option but usually with bend insensitive fiber to ensure the excellent communication transmission property

### Application

1. Used as access building cable
2. Used in indoor cabling especially used for FTTH

### Structure:



ITEM	CONSTRUCTION
FIBER COUNT	2, 1
CABLE DIAMETER	3.1*2.0MM
CABLE WEIGHT	8KG/KM

### FIBER CHARACTERISTICS

ITEM	CONSTRUCTION
MODE FIELD DIAMETER @1310NM	8.6±0.4µm
CLADDING DIAMETER	125±1µm
CORE CONCENTRICITY ERROR	≅ 0.6µm
CLADDING NON-CIRCULARITY	≅ 1.0%
PRIMARY COATING DIAMETER	250±15µm
COATING-CLADDING CONCENTRICITY ERROR	≅ 12.5µm
FIBER CURL RADIUS	≅ 4m

### TRANSMISSION CHARACTERISTICS

ITEM	PERFORMANCE
ATTENUATION	1310nm 1550nm ≅ 0.40db/km ≅ 0.30db/km
MACRO BENDING LOSS	30mm 10 turns at 1550nm ≅ 0.50db
CUT-OFF WAVELENGTH	≅ 1260nm
CHROMATIC DISPERSION	1310nm 1550nm ≅ 3.5ps/nm.km ≅ 18ps/nm.km
ZERO DISPERSION WAVELENGTH	1300-1324nm
ZERO DISPERSION SLOPE	≅ 0.092ps/n m <sup>2</sup> .km