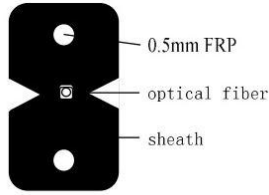
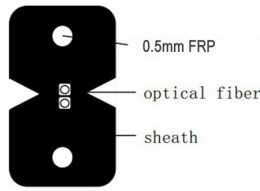


1. FTTH Indoor Optical Fiber Drop Cable (GJXFH)



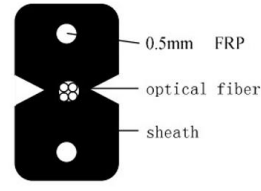
GJXFH-1B6

P/N: GJXFH-1B6



GJXFH-2B6

P/N: GJXFH-1B6



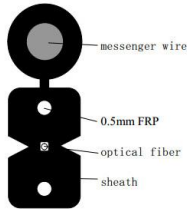
GJXFH-4B6

P/N: GJXFH-4B6

Technical Parameters

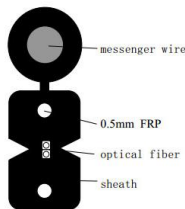
| Drop Cable Type | GJXFH-1B6/2B6/4B6 | | | |
|-------------------------|-------------------|------------------|--------------------------|-------------------|
| No. of fiber | 1F-4F | | | |
| SM fiber | Fiber type | G657A1 or A2 | Concentricity error | ≤0.5um |
| | Cladding diameter | 124.8±0.7um | Cladding non-circularity | ≤0.7% |
| | Coating diameter | 245±5um | Fiber color | standard spectrum |
| Central strength member | Material | FRP | Color | white |
| | Diameter | 0.5mm | Qty | 2 |
| Out sheath | Material | LSZH | Color | black |
| | Diameter | 2.0*3.0mm (1-4F) | Thickness | ≧0.5mm |

2. FTTH Self-support Figure 8 Outdoor Optical Fiber Drop Cable (GJXFCH)



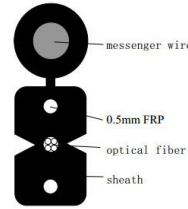
GJXFCH-1B6

P/N: GJXFCH-1B6



GJXFCH-2B6

P/N: GJXFCH-2B6



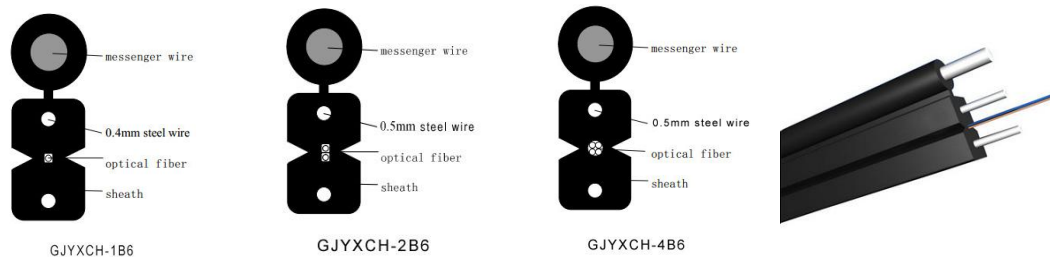
GJXFCH-4B6

P/N: GJXFCH-4B6

Technical Parameters

| Drop Cable Type | GJXFCH-1B6/2B6/4B6/6B6 | | | |
|-----------------------------|------------------------|---------------------------------------|--------------------------|-------------------|
| No. of fiber | 1F-6F | | | |
| SM fiber | Fiber type | G657A1 or A2 | Concentricity error | ≤0.5um |
| | Cladding diameter | 124.8±0.7um | Cladding non-circularity | ≤0.7% |
| | Coating diameter | 245±5um | Fiber color | standard spectrum |
| Central strength member | Material | FRP | Color | white |
| | Diameter | 0.5mm | Qty | 2 |
| Self support messenger wire | Material | bright steel wire or FRP | Diameter | 1.0mm |
| Out sheath | Material | LSZH | Color | black |
| | Diameter | 2.0*5.2mm (1-2F) 2.0*5.4mm (4, 6F) | Thickness | ≧0.5mm |

3. FTTH Outdoor Figure 8 Optical Fiber Drop Cable (GJYXCH)



Technical Parameters

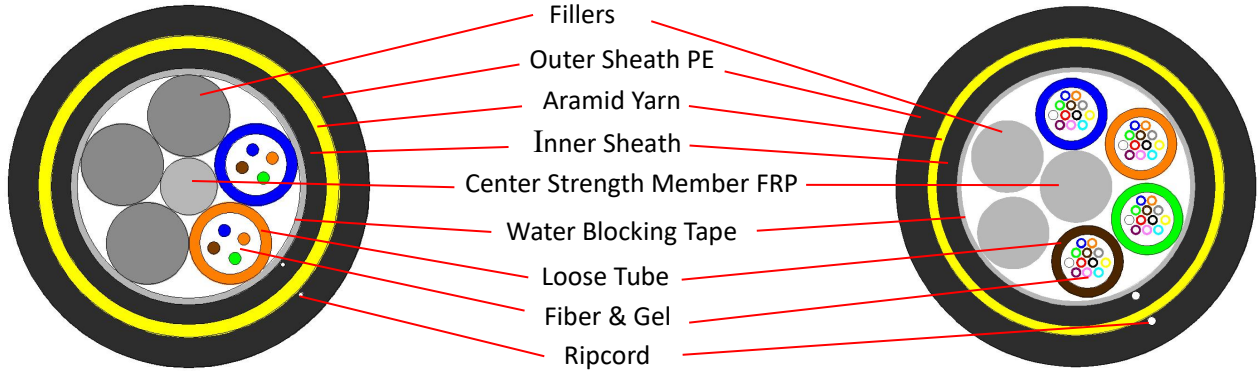
| Drop Cable Type | GJYXCH-1B6/2B6/4B6 | | | |
|-----------------------------|--------------------|------------------------------------|--------------------------|--|
| No. of fiber | 1F-4F | | | |
| SM fiber | Fiber type | G657A1, A2 | Concentricity error | ≤0.5um |
| | Cladding diameter | 124.8±0.7um | Cladding non-circularity | ≤0.7% |
| | Coating diameter | 245±5um | Fiber color | 1 fiber: Green 2 fibers: Green & Yellow |
| Central strength member | Material | Steel wire | Diameter | 0.4mm |
| Self support messenger wire | Material | Galvanized steel wire | Diameter | 1.2mm |
| Out sheath | Material | LSZH | Color | Black, White or Grey |
| | Diameter | 2.0*5.2mm (1-2F) 2.0*5.4mm (4F) | Thickness | ≧ 0.5mm |

4. FTTH Flat Drop Optical Fiber Cable with Single-tube

Technical Parameters

| P/N | GYFBY-1B6 (2B6, 4B6---12B6) | GYFBRY-1B6 (2B6, 4B6---12B6) |
|---------------------|--|---|
| Cable Structure | <ul style="list-style-type: none"> Colored Bare Fiber Water Swellable Yarn Loose Tube FRP - Strength Member PE - Sheath | <ul style="list-style-type: none"> Colored Bare Fiber Tube Filling Compound PBT - Loose Tube FRP - Strength Member Rip Cord PE - Sheath |
| Fiber Count | 1-12 fibers | 1-12 fibers |
| Sub-unit(PBT) | 2.0mm LSZH | 2.0mm LSZH |
| Strength Member | 2*2.0mm FRP | 2*1.2mm FRP |
| Cable Diameter (mm) | 7.8±0.2×4.5±0.2mm | 7.0±0.2×4.0±0.2mm |
| Outer Sheath | HDPE (or LSZH optional) | HDPE (or LSZH optional) |
| P/N | GYFTRY-1B6/2B6 | GYFBRY-1B6 (2B6, 4B6---12B6) |
| Cable Structure | <ul style="list-style-type: none"> Tight Buffered Fiber Aramid Yarn Loose tube FRP Ripcord Outer Sheath | <ul style="list-style-type: none"> Colored Bare Fiber Tube Filling Compound PBT - Loose Tube FRP - Strength Member Rip Cord PE - Sheath |
| Fiber Count | 1 or 2 fibers | 1-12 fibers |
| Sub-unit(PBT) | 2.8mm LSZH | 2.8mm LSZH |
| Strength Member | 2*1.2mm FRP | 2*1.2mm FRP |
| Cable Diameter (mm) | 8.0±0.2×5.0±0.2mm | 8.0±0.2×5.0±0.2mm |
| Outer Sheath | HDPE (or LSZH optional) | HDPE (or LSZH optional) |

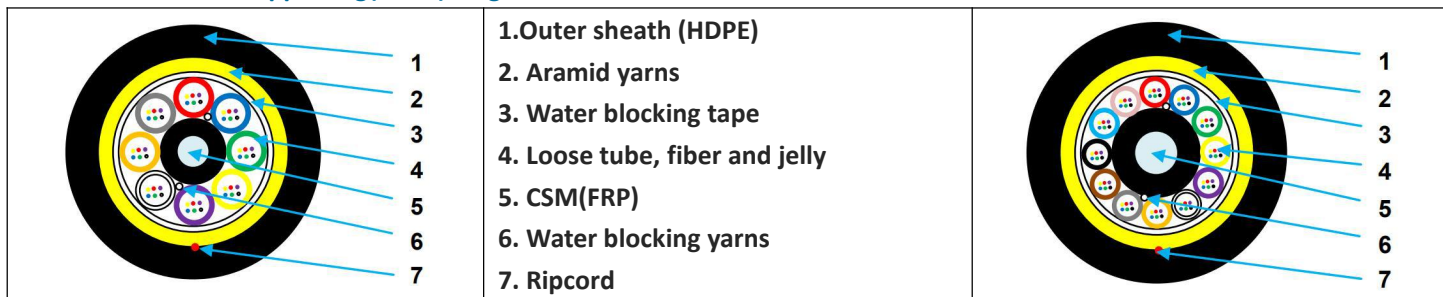
1. All Dielectric Self-supporting(ADSS) Double Sheath Cable



| ADSS Double Sheath Cable Dimension and Parameter | | | | | | | |
|--|-----------|----------|---------------------|-----|---------------|-----|-----|
| General Parameter | | Unit | Nominal value value | | | | |
| Fiber count (G.652D) | | PC | 4 | 8 | 12 | 24 | 48 |
| Max. No of loose tube / Fillers | | PC | 1/4 | 2/3 | 1/5 | 2/4 | 4/2 |
| Fiber No. per tube | | PC | 4 | 4 | 12 | 12 | 12 |
| Central strength member | | / | FRP*1.4±0.2mm | | FRP*2.0±0.2mm | | |
| Aramid Yarn | | material | Kevlar | | Kevlar | | |
| Filler | | mm | 1.8±0.2 | | 2.0±0.2 | | |
| Loose tube | Diameter | mm | 1.8±0.2 | | 2.0±0.2 | | |
| | Material | / | PBT | | PBT | | |
| Inner sheath | Thickness | mm | 1.0±0.2 | | 1.0±0.2 | | |
| | Material | / | MDPE | | MDPE | | |
| Outer sheath | Thickness | mm | 1.8±0.2 | | 1.8±0.2 | | |
| | Material | / | HDPE | | HDPE | | |
| | Cable OD | mm | 11.0±0.5mm | | 13.0±0.5mm | | |
| Max. allowable pulling force | | N | 3000 | | 3000 | | |
| Crush resistance | | N/100mm | 300/1000 | | 300/1000 | | |

Remarks: The fibers per loose tube can be customized of 4, 6, 8, or 12 fibers.

2. All Dielectric Self-supporting(ADSS) Single Sheath Cable

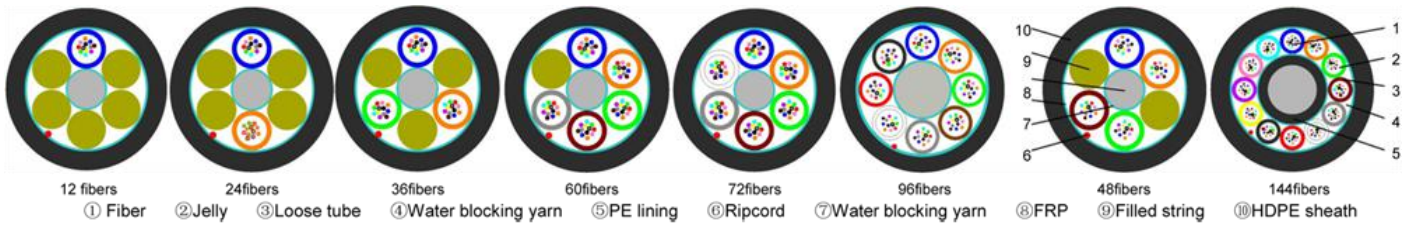


| ADSS Single Sheath Cable Dimension and Parameter | | | | | | | |
|--|-----------|----------|---------------------|------------|---------------|------------|------|
| General Parameter | | Unit | Nominal value value | | | | |
| Fiber count (G.652D) | | PC | 12 | 24 | 48 | 96 | 144 |
| Max. No of loose tube / Fillers | | PC | 2/4 | 4/2 | 8/0 | 8/0 | 12/0 |
| Fiber No. per tube | | PC | 6 | 6 | 6 | 12 | 12 |
| Central strength member | | / | FRP*2.0±0.2mm | | FRP*2.0±0.2mm | | |
| Aramid Yarn | | material | Kevlar | | Kevlar | | |
| Filler | | mm | 2.0±0.2 | | 2.0±0.2 | | |
| Loose tube | Diameter | mm | 2.0±0.2 | | 2.0±0.2 | | |
| | Material | / | PBT | | PBT | | |
| Outer sheath | Thickness | mm | 1.5±0.2 | | 1.5±0.2 | | |
| | Material | / | HDPE | | HDPE | | |
| | Cable OD | mm | 10.5±0.5mm | 11.5±0.5mm | 14.3±0.5mm | 14.3±0.5mm | |
| Max. allowable pulling force | | N | 3000 | | 3000 | | |
| Crush resistance | | N/100mm | 300/1000 | | 300/1000 | | |

Remarks: The fibers per loose tube can be customized of 4, 6, 8, or 12 fibers.

Overviews

Air Blown Micro Cables are ultra lightweight with and small diameter and designed for metro feeder or access network to be blown into a micro duct by air-blown installation. As the cable allows the deployment of currently required fiber count, the micro cable provides a lower initial investment and the flexibility to install and upgrade to the latest fiber technologies after the initial installation.



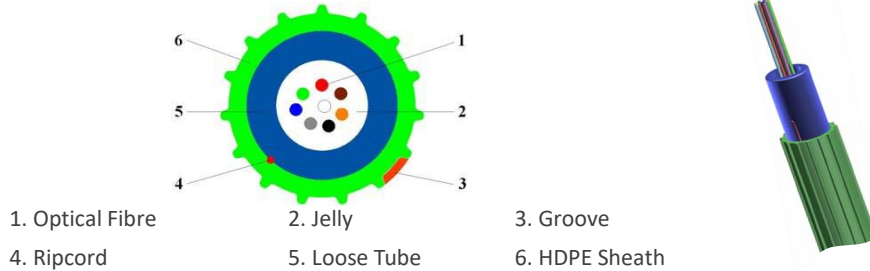
Technical Index

| Cable Type | Layer Cable | | | | | | | |
|---------------------------------------|---|---------------------|----|----|----|-----------|----|-----------|
| Fiber count | 12 | 24 | 36 | 48 | 60 | 72 | 96 | 144 |
| Number of loose tube | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 12 |
| Number of filled string | 5 | 4 | 3 | 2 | 1 | 0 | 0 | 0 |
| Number of fiber/tube | 12 | | | | | | | |
| Water blocking method | FRP or PE lining | Water Blocking yarn | | | | | | |
| | Cable Core | Water Blocking yarn | | | | | | |
| Thickness of HDPE sheath | Nominal:0.5mm, Average: 0.45mm, Minimum: 0.4mm | | | | | | | |
| Overall Diameter | 5.6±0.1mm, | | | | | 6.4±0.1mm | | 7.8±0.1mm |
| Weight | 27kg/km | | | | | 40kg/km | | 55kg/km |
| Max.Tensile Strength | 500N | | | | | 1000N | | 1000N |
| Max.Crushing Resistance | 800N/100mm | | | | | | | |
| Min.Bending radius -Static | 12 outer Φ | | | | | | | |
| Min.Bending radius -Dynamic | 20 outer Φ | | | | | | | |
| Cable Fiber Attenuation (single mode) | 0.35dB/km max@1310nm 0.22dB/km max@1550nm | | | | | | | |
| Temperature range | Storage -40~+70 °C; Installation -10~+40 °C; Operation -40~+70 °C | | | | | | | |
| Cable service lifer (estimate value) | 25 years | | | | | | | |

Order Information

| P/N | Fiber count | Nominal diameter | Nominal weight | Max tensile strength | Temperature |
|---------------------|-------------|------------------|----------------|----------------------|---------------|
| FLK-ABC-12G652D-PE | 12F | 5.6±0.1mm | 27(kg/km) | 500N | -40 to +70 °C |
| FLK-ABC-24G652D-PE | 24F | 5.6±0.1mm | 27(kg/km) | 500N | |
| FLK-ABC-36G652D-PE | 36F | 5.6±0.1mm | 27(kg/km) | 500N | |
| FLK-ABC-48G652D-PE | 48F | 5.6±0.1mm | 27(kg/km) | 500N | |
| FLK-ABC-60G652D-PE | 60F | 5.6±0.1mm | 27(kg/km) | 500N | |
| FLK-ABC-72G652D-PE | 72F | 5.6±0.1mm | 27(kg/km) | 500N | |
| FLK-ABC-96G652D-PE | 96F | 6.4±0.1mm | 40(kg/km) | 1000N | |
| FLK-ABC-144G652D-PE | 144F | 7.8±0.1mm | 55(kg/km) | 1000N | |

Fiberlink **Mini Micro Air Blown Cable** is the uni-tube design with small size, light weight, enhanced surface outer sheath fiber unit used for blowing into micro tube bundles by air flow. The outer thermoplastic layer provides a high level of protection and excellent installation properties. It is usually applied in FTTX.



Mini Micro Air Blown Cable 2-24 cores

Technical Index

| Cable Type | FLK-MABC (MUT + Cable diameter) | | | |
|---------------------------------------|---|-----------|-----------|-----------|
| | MUT2.0 | MUT2.3 | MUT2.5 | MUT2.8 |
| Fibre Count | 2~4 | 6~12 | 2~12 | 14~24 |
| Thickness of HDPE sheath | Nominal value: 0.20mm, Average value: 0.15mm | | | |
| Fiber Type | G.G652D, G.657A1, G.657A2 & Multi mode fiber Optional | | | |
| Nominal Overall Diameter | 2.0±0.1mm | 2.3±0.1mm | 2.5±0.1mm | 2.8±0.1mm |
| Weight | 4.0 kg/km | 5.0 kg/km | 6.0 kg/km | 7.0kg/km |
| Cable Fibre Attenuation(single mode) | 0.35dB/km max @1310nm 0.22dB/km max @1550nm | | | |
| Max. Tensile Strength | 40N | 50N | 60N | 60N |
| Max. Crushing force | 600N/100mm | | | |
| Min. Bending radius -Static / Dynamic | 10 / 20 outer Φ | | | |
| Temperature | Storage -30~+50℃; Installation-10~+40℃; Operation-20~+50℃ | | | |
| Cable service life (estimate value) | 25 years | | | |

Blowing Performance

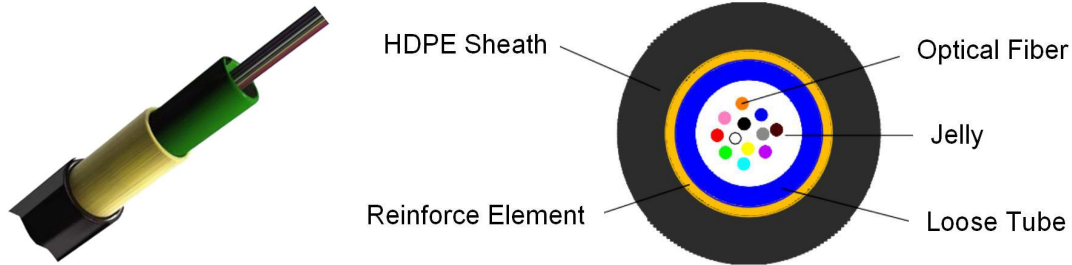
| Blowing Tool | Typical blowing length | | |
|--|------------------------|---------------------|---------------------|
| | Fiber Count | Duct type 3.5/5.0mm | Duct type 5.5/7.0mm |
| PLUMETTAZ: PR-140,MiniJet-400 etc. Air pressure: 13 bar | 2-12 fibers | ≥800m | ≥1500m |
| | 14-24 fibers | ≥500m | ≥1500m |

Order Information

| P/N | Fiber count | Nominal diameter | Nominal weight | Max tensile strength | Temperature |
|---------------------|-------------|------------------|----------------|----------------------------|-------------|
| FLK-MABC-2G652D-PE | 2F | 2.0±0.1mm | 5(kg/km) | 20 times of cable diameter | -30 to +50℃ |
| FLK-MABC-4G652D-PE | 4F | 2.0±0.1mm | 5(kg/km) | | |
| FLK-MABC-6G652D-PE | 6F | 2.3±0.1mm | 6(kg/km) | | |
| FLK-MABC-8G652D-PE | 8F | 2.3±0.1mm | 6(kg/km) | | |
| FLK-MABC-12G652D-PE | 12F | 2.5±0.1mm | 6(kg/km) | | |
| FLK-MABC-24G652D-PE | 24F | 2.8±0.1mm | 8(kg/km) | | |

Overviews

Fiberlink **Uni-tube Micro Air Blown Cable** is the uni-tube design with small size, light weight, enhanced surface outer sheath fiber unit used for blowing into micro tube bundles by air flow. The outer thermoplastic layer provides a high level of protection and excellent installation properties. It is usually applied in FTTX.



Uni-Tube Micro Air Blown Cable 2-24 cores

Key Features

- Special complex material loose tube, reduce the shrink of tube in cold temperature.
- Accurate fibre length balance, stable mechanical and temperature performance.
- Particular technique control, prevent sheath form crinkling during installation.
- HDPE sheath, enhancing the blowing performance.

Technical Index

| Cable Type | Central Loose Tube Cable | |
|---------------------------------------|--|-------------|
| Fibre Count | 2~12 | 14~24 |
| Thickness of HDPE sheath | Nominal value: 0.50mm, Average value: 0.45mm, Min. value: 0.40mm | |
| Nominal Overall Diameter | 4.0 ± 0.1mm | 4.5 ± 0.1mm |
| Weight | 10.0 kg/km | 14.0kg/km |
| Max. Tensile Strength | 120N | 150N |
| Max. Crushing force | 1000N/100mm | |
| Min. Bending radius -Static / Dynamic | 10 / 20 outer Φ | |
| Fiber Type | G.652D, G.657A1, G.657A2 & Multi mode fiber Optional | |
| Cable Fibre Attenuation(single mode) | 0.35dB/km max @1310nm 0.23dB/km max @1550nm | |
| Temperature | Storage -30~+50°C; Installation-10~+40°C; Operation-20~+50°C | |
| Cable service life (estimate value) | 25 years | |

Blowing Performance

| Blowing Tool | Typical blowing length | | |
|---|------------------------|------------------------|-------------------------|
| PLUMETTAZ: PRM-196, PR-140 etc. Air pressure: 15 bar | Fiber Count | Duct type 5.5/7.0mm | Duct type 8.0/10.0mm |
| | 2-12 fibers | ≥1500m | ≥2500m |
| | 14-24 fibers | ≥1300m | ≥2200m |

