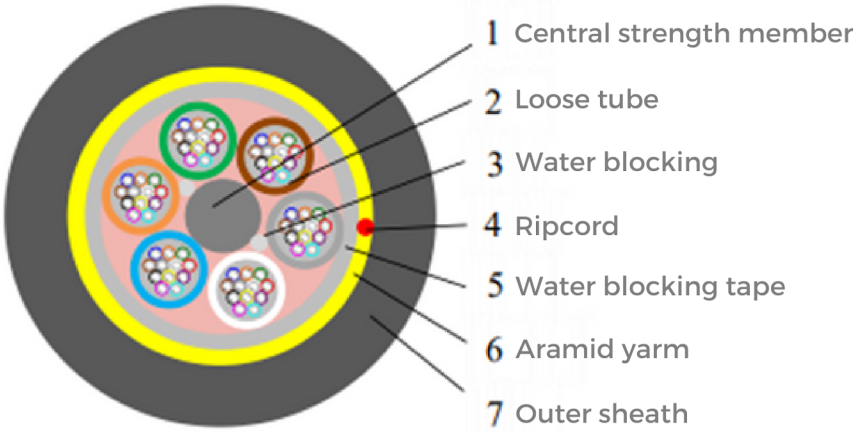
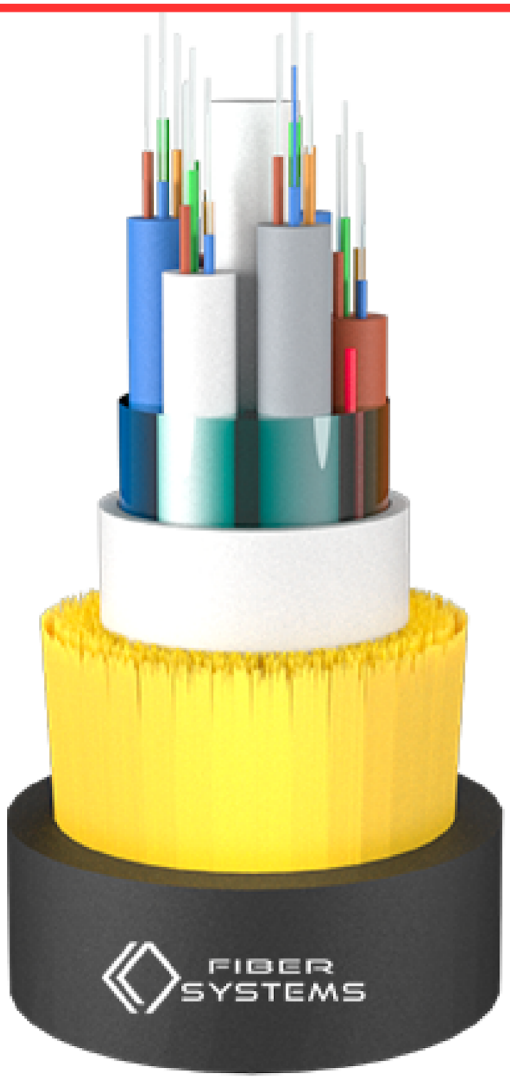
# Optical Fiber Cable
# ADSS-72B1.3-PE-100M

**Structure:**




**Applications:**

- External cable distribution
- Adapted to core network, access network and fiber to the home (FTTH)
- SPAN 100m, 4km reel, G.652D standar




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# Specifications

## 1. Construction of the cable

| | | | | |
|---|---|---|---|---|
| 1 | **Center Strength Member** | | FRP | 2.3+/-0.1 |
| 2 | **Fiber Unit** | Loose Tube | PBT | 2.3+/-0.1 |
| | | Fiber | 72 Single Mode Fibers | G652D |
| | | Fiber Quantity | 12 Pcs Fiber× 6 Loose Tubes | |
| | | Fiber Color | Blue、Orange、Green、Brown、Gray、White 、Red、Black、Yellow、Purple、Pink、Aqua | |
| | | Loose Tube Color | Blue、Orange、Green、Brown、Gray、White | |
| | | Filling（Fiber Jelly） | Thixotropy Jelly | |
| 3 | **Water Blocking** | | Water Blocking Yarn | |
| 4 | **Rip Cord** | | 1 Pcs | |
| 5 | **Water Blocking** | | Water Blocking Tape | |
| 6 | **Strength Member** | | Aramid Yarns | |
| 7 | **Outside Sheath** | | PE | 11.2+/-0.5 |

## 2. Mechanical and physical characteristics of the cable

| **Item** | | **Unit** | **Parameter** |
|---|---|---|---|
| Cable Standard Weight | | kg/km | 94 |
| Rated Tensile Strength(RTS) | | KN | 5 |
| Maximum Allowable Tension(MAT) | | KN | 2 |
| Every Day Strength(EDS) | | KN | 1.25 |
| Min-Bending Radius | Short-Term | mm | 20D |
| | Long-Term | mm | 10D |
| Crush Performance | Short-Term | N/100mm | 1000 |
| | Long-Term | N/100mm | 300 |
| Suiting Line Voltage Class | | Not more than 35 kV | |
| Span | | m | 100 |
| Suitable Meteorological Condition | | Max wind speed: 25m/s, No icing | |
| Operation Temperature | When working or in store | ℃ | -40℃-+70℃ |
| | When Laying | ℃ | -10℃-+50℃ |
| Fiber Attenuation Coefficient in Cable | | dB/km(1310nm) | ≤0.36dB/km |
| | | dB/km(1550nm) | ≤0.22dB/km |