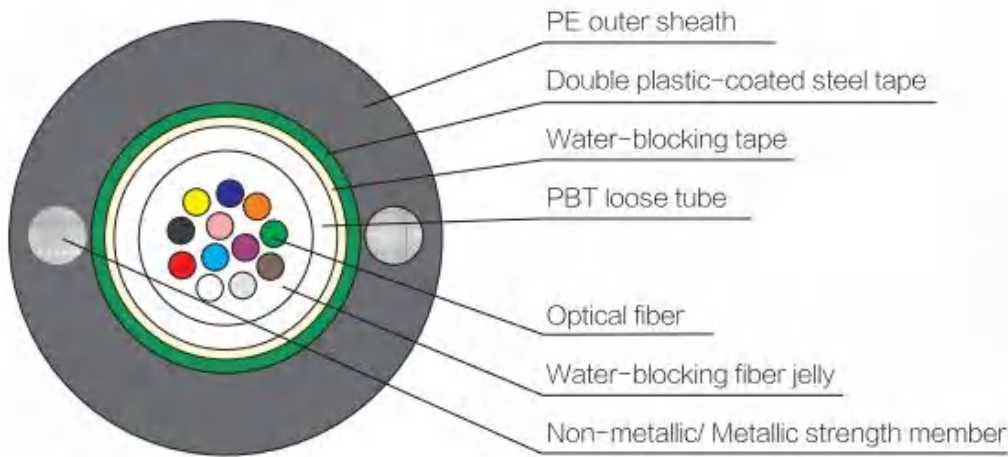


Central Loose Tube Optical Fiber Cable GYFXTW / GYXTW (2-144 cores)



Installation: Aerial

Structural features: The primary coating optical fibers are protected by central loose tube, optical fibers are gathered in the center of optical fiber cable and strength members are distributed on two sides of the protective layer of cable. A water-blocking layer is placed between steel tape and cable core. Double plastic-coated corrugated steel tape-PE bonded outer sheath, parallel steel wires / FRP armored

Performance characteristics: Excellent water-proof performance with superior water-barrier, excellent tensile strength with steel tape bonded outer sheath and non-metallic / metallic strength members, minimize the impact of crush force on fibers in the cable with central loose tube design.

Application: Long-haul communication, interoffice communication.

Technical parameters

| Fiber count | Cable O.D (mm) | Cable weight (kg/km) | Minimum bending radius | | Tension allowed(N) | | Crush resistance(N) | |
|-------------|----------------|----------------------|------------------------|-----------------|--------------------|-----------|---------------------|-------------|
| | | | Static | Dynamic | Short term | Long term | Short term | Long term I |
| 2-12 | 8.9 | 90 | 10 times O.D | 20 times O.D | 1500 | 600 | 1000 | 300 |
| 14-24 | 9.1 | 102 | | | | | | |
| 26-48 | 10.3 | 123 | | | | | | |
| 50-60 | 10.8 | 136 | | | | | | |
| 62-72 | 11.3 | 146 | | | | | | |
| 74-96 | 12.3 | 169 | | | | | | |
| 98-120 | 13.3 | 191 | | | | | | |
| 122-144 | 14.0 | 218 | | | | | | |