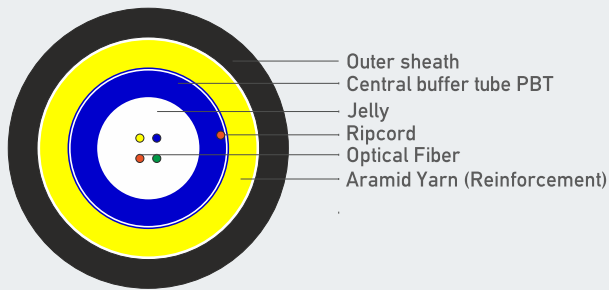


CENTRAL LOOSE TUBE ARAMID YARN STRENGTH MEMBER FIBRE OPTIC DROP CABLE IN/OUT

In/Out round drop cable is for fibre to the Home (FTTH) application. The cable is constructed with single-mode fibres inside the loose tube surrounded by water-blocking reinforcement Aramid yarn and LSZH outer jacket. It is very light in construction and easy to install, generally used for connecting the Main distribution frame to consolidation point at home, apartment, or offices. Industry-standard connectors can be used for direct termination.



COMPLIANCE

ITU-T G652.D/G657.A1/G657.A2 OS2
 ISO/IEC 11801, ISO/IEC 24702
 ANSI/TIA/EIA 568.3-D
 ROHS compliant Directive 2002/95/EC
 LSZH: IEC-60332-1-2, IEC-60754-1/2, IEC-61034-1/2

CONSTRUCTION, MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

| Description | Specification |
|------------------------|--------------------|
| Fibre Count | 4 |
| Reinforcement | Aramid Yarn |
| Tube Diameter | 2.1 – 2.4 mm |
| Outer Sheath Thickness | 1.20 mm |
| Cable Diameter | 6 – 7 mm |
| Sheath Material | LSZH |
| Fibre type | 9/125 (G652.D) OS2 |
| Max. Tensile Load | 1000N |
| Crush Load (N/100mm) | 1000N/10cm |
| Bend Radius | 10D |
| Torsion | 200N |
| Operating Temperature | -10 °C ~ 70 °C |
| Cable Weight (Approx) | 30 – 34 Kg/Km |

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TRANSMISSION CHARACTERISTICS

| Characteristics | Condition | Value |
|----------------------------|-----------------------------|-------------------------------|
| Attenuation | @ 1310 nm | ≤0.40 db/km |
| | @ 1550 nm | ≤0.30 db/km |
| Macro bending loss | ∅ 30 nm@10 turns at 1550 nm | ≤0.50 db |
| Chromatic dispersion | @ 1310 nm | ≤3.5 ps/nm.km |
| | @ 1550 nm | ≤18 ps/nm.km |
| Cut-off wavelength | | ≤1260 nm |
| Zero dispersion slope | | ≤0.092 ps/nm ² .km |
| Zero dispersion wavelength | | 1300-1324 nm |

ORDERING INFORMATION

| Part Number | Description |
|-----------------|---|
| 4020-U00040S2CL | 04 Core Single Mode G652.D Central Loose Tube Aramid Yarn Strength Member Fibre Optic Drop Cable IN/OUT |

CL: BK(Black)