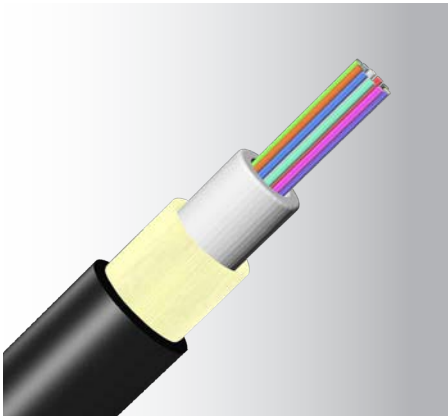


Optical Fibre Cables

Central Loose Unitube (UT) with Glass Yarn Strength Member, Unarmoured, Underground (Direct Buried or Duct), Single Sheathed Cable

Model Code: UT/GY/LSZH; UT/GY/HDPE



Related Products



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| | |
|----------------------------|---|
| Application : | Compared to the multi-loose tube type, this cable has a smaller diameter, of lighter weight, and lower load tension; suitable for lashed aerial, duct, underground conduit applications. |
| Construction : | <ul style="list-style-type: none"> 2 to 96 optical fibre [250µm OM1, OM2, OM3, OM4 multi-mode or OS2 (ITU-T G.652.D) single-mode] in a gel-filled loose tube Water blocking e-glass non-metallic strength members with rip cord UV resistant LSZH sheathed cable (Suitable for internal/external applications) UV resistant HDPE sheathed cable (Suitable for environmental protection and water permeation resistance) |
| Sheath colour : | Black |
| Specification : | IEC 60793, IEC 60794-3-10 Single-mode OS2: ITU-T G.650, ITU-T G.652, ISO/IEC 11801 Multi-mode OM1: ISO/IEC 11801 Multi-mode OM2, OM3, OM4: ITU-T G.651, ISO/IEC 11801 LSZH sheath: IEC 60754, IEC 61034-2, IEC 60332 |
| Operating temperature : | -40°C to 70°C |
| Storage temperature : | -40°C to 70°C |
| Installation temperature : | -10°C to 60°C |

| | | | | | | | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| No. of Fibres | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 24 | 36 | 48 | 60 | 72 | 96 |
| No. of Loose Tube | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| No. of Fibres Per Tube | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 24 | 36 | 48 | 60 | 72 | 96 |
| Approx. Overall Diam. (mm) | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 8.3 | 8.3 | 8.5 | 8.5 | 8.8 | 9.4 | 9.9 |
| Approx. Weight (kg/km) (LSZH) | 63 | 63 | 63 | 63 | 63 | 63 | 80 | 80 | 90 | 90 | 95 | 105 | 116 |
| Approx. Weight (kg/km) (HDPE) | 54 | 54 | 54 | 54 | 54 | 54 | 70 | 70 | 81 | 81 | 82 | 93 | 98 |

Note: The information contained in the above table is subject to normal manufacturing tolerance. Specifications are subjected to change without notice.

Mechanical Properties

| | |
|---------------------------------------|---------|
| Max. Tensile Load (N) | 1500N |
| Crush Resistance (N/100mm) | 1000N |
| Min. Installation Bending Radius (mm) | 20 x OD |
| Min. Operation Bending Radius (mm) | 10 x OD |