

Single-fiber Optical Cable

DESCRIPTION

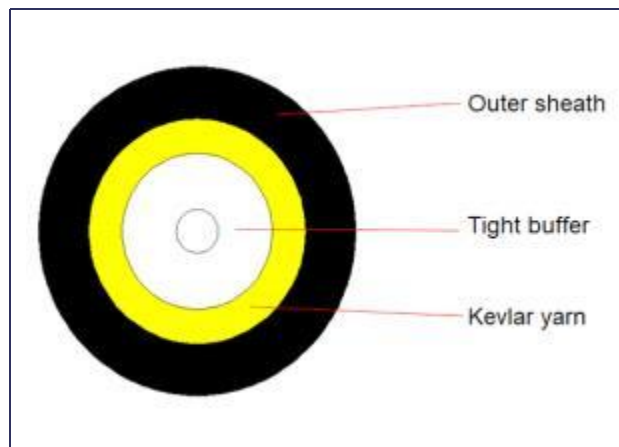
Single-fiber optical cable use single tight buffer fiber as optical communication medium, the tight buffer fiber wrapped with a layer of kevlar yarn as strength member units, and the cable is completed with a LSZH-FR-UV jacket.

FEATURES

- Good mechanical and environmental performance
- Soft, flexible, easy to installation
- UV Resistant
- High strength Kevlar yarn, high performance outer sheath

APPLICATIONS

- Distribution cable
- Data center
- Indoor cabling, for FTTx
- Pigtails and patchcords



SPECIFICATIONS

| Items | | Description |
|--|----------|--------------------------------|
| Number of fiber | | 1F |
| Fiber type | | Corning G652D |
| Tight buffer | Material | LSZH |
| | Color | White |
| | Diameter | 0.9±0.05mm |
| Strength member | Material | Kevlar yarn |
| Outer sheath | Material | LSZH-FR-UV |
| | Color | Black |
| | Diameter | 2.9±0.1mm |
| Installation Temperature range (°C) | | -10+60 |
| Storage temperature (°C) | | -40+80 |
| Operation and transport temperature (°C) | | -40+80 |
| Min Bending Radius | | 30mm |
| Max. Tension(N) | | Long term : 80Short term : 150 |
| Crush Load (N/100mm) | | 500 |
| Cladding diameter | | 124.8±0.7 |
| Cladding non-circularity | | ≤0.7 |
| Coating diameter | | 254±5 |
| Coating-cladding concentricity error | | ≤12.0 |
| Coating non-circularity | | ≤6.0 |
| Core-cladding concentricity error | | ≤0.5 |
| Curl (radius) | | ≥4 |

ORDERING INFORMATION

| Description | Reference |
|-------------|-----------|
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