# **OPTICAL INDOOR/OUTDOOR DROP CABLE**

MEET DIDC-ETAILW22 OH 2F G.GSTA HATTE KABEX BIBC-ETAKKHEE ATA ABEX BIBC-ETAKKHEE ATA Colored Dibca Fiber (2F)

### DESCRIPTION

Optical Indoor/Outdoor Drop Cable used for FTTx, CCTV & IoT applications. For FTTX, it is specially designed for MDU fiber deployment and outdoor application together with microduct. The cable is lightweight and with LSZH Jacket.

The cable is designed to bring speed and flexibility to FTTx deployment. Our drop cable is designed with excellent mechanical properties and is able to withstand 500N pulling strength required during installation work.

#### **FEATURES**

- Single mode optical cable
- Sumitomo bare fiber with ITU-T G.657A1
- Kelvar yarn with LSZH jacket
- Optical performance and micro bending loss performance duly complied to ITU-T compliance
- TM Type approval with SIRIM test report

### **SPECIFICATIONS**

| Applications           | Indoor/Outdoor drop cable  |
|------------------------|--|
| Fiber Count            | 1, 2, 4, 6, 8, 12  |
| Fiber Diameter         | 250 ± 15μm   |
| Strength Member        | FRP  |
| Outer Sheath           | Flame retardant PE (HEFRPE) sheath   |
| Optical Cable Diameter | 2x3.1 mm(±0.1mm) (1C and 2C drop cable)<br>3x4.1 mm (4C, 6C, 8C, 12C drop cable) |
| Cable Weight           | 10kg/km (1C and 2C drop cable)<br>20kg/km (4C, 6C, 8C, 12C drop cable)           |
| Fiber Type             | ITU-T G657A1   |
| Max. Tensile Load      | 500N   |
| Min. Bend Radius       | 15mm   |
| Jacket Color           | White or Black   |

Note : Specifications are subject to change without notice

KABEX



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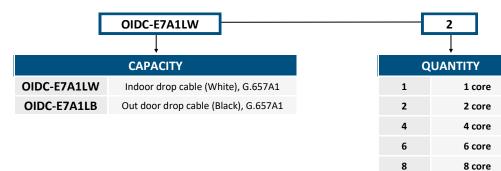


## **CHARACTERISTICS OF OPTICAL FIBER**

| Core Material                   | Ge-doped Silica            |
|---------------------------------|----------------------------|
| Core Mode Field Diameter        | 8.6~9.5 ± 0.4μm (λ=1310nm) |
| Cladding Material               | Silica                     |
| Cladding Diameter               | 125±0.7μm                  |
| Core Concentricity Error        | ≤ 0.5μm                    |
| Cladding Non-Circularity        | ≤ 1%                       |
| Cable Cut-Off Wavelength        | < 1260nm                   |
| Primary Coating Material        | UV-Cured Acrylate          |
| Primary Coating Diameter        | 245±10μm                   |
| Attenuation Coefficient @1310nm | ≤0.40dB/km                 |
| Attenuation Coefficient @1383nm | ≤0.35dB/km                 |
| Attenuation Coefficient @1550nm | ≤0.30dB/km                 |
| Point Discontinuities (@1550nm) | ≤0.10dB                    |
| Proof Stress                    | > 0.69Gpa (100 kpsi)       |

#### **ORDERING INFORMATION**

Example : OIDC-E7A1LW2



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Rev No : K-01 13 Printed Date : 13/12/2023



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12 core