



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) 3x4.1 mm (4C, 6C, 8C, 12C drop cable)
Cable Weight	10kg/km (1C and 2C drop cable) 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

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 : O IDC-E7A1LW2

