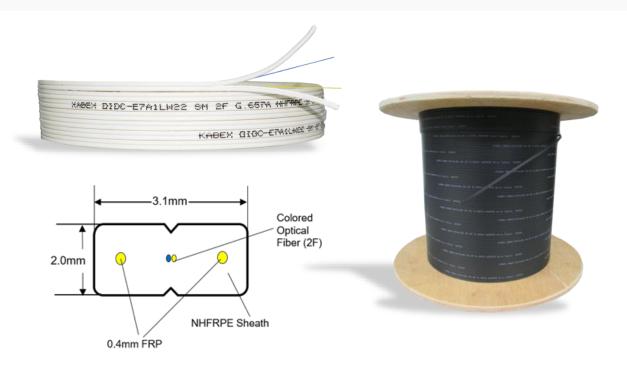
### **OPTICAL INDOOR/OUTDOOR DROP CABLE**





#### **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.

# SIRIM

**TESTED BY** 

#### **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

## OPTICAL INDOOR/OUTDOOR DROP CABLE



#### **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

OIDC-E7A1LW		2		
CAPACITY			Q	UANTITY
OIDC-E7A1LW	Indoor drop cable (White), G.657A1	'	1	1 core
OIDC-E7A1LB	Out door drop cable (Black), G.657A1		2	2 core
			4	4 core
			6	6 core
			8	8 core
			12	12 core

