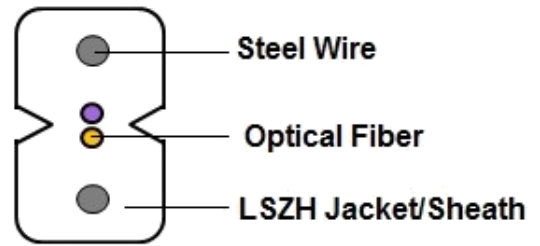


superiOtec Fiber Optic 2-Core Singlemode Flat Indoor Drop Cable, are suitable in FTTH Applications. The outer jacket is made of LSZH (Low Smoke Zero Halogen) material. With two parallel Steel Wire strength member.



FEATURES

Easy to Install & Terminate	Small Size	Color Coded Fibers	LSZH Jacket
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APPLICATIONS

FTTx	MDUs (Multi Dwelling Unit)
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FEATURES

Low Attenuation & Crosstalk
Flexible for installation in conduits, on cable trays and under raised floor
Easy to Terminate
Color Code Pair Identification

STANDARDS/COMPLIANCE

IEC 60332-3
EU RoHS
G657.A2

SPECIFICATION

Fiber Type	9/125µm (G657.A2)
Cable Dimension (mm)	3.0 (Width) ± 0.1 X 2.0 (Height) ± 0.1
Fiber Color	Blue & Orange
Sheath Color	White
Sheath Material	LSZH
Cable Weight (Kg/km)	Approx. 10.0

Short-Term Tensile (N)	200
Long-Term Tensile (N)	100
Short-Term Crush (N/100mm)	2200
Long-Term Crush (N/100mm)	1000
Strength Member (mm)	Steel Wire (0.45)
Flame Retardant	IEC 60332-3

ENVIRONMENTAL SPECIFICATION

Storage Temperature	-10°C to +70°C
Operating Temperature	-10°C to +70°C

CHARACTERISTIC OF OPTICAL FIBER (G657.A2)

Geometrical Characteristics

Cladding Diameter	125.0 ± 1.0µm
Cladding Non-Circularity	≤1.0%
Core-Cladding Concentricity Error	≤0.5µm
Coating Diameter	250 ± 15µm
Coating Non-Circularity	≤3.0%
Coating-Cladding Concentricity Error	≤12µm

Optical Characteristics

Mode Field Diameter	8.7 ± 0.4 µm at 1310nm 9.6 ± 0.5 µm at 1550nm
Point Discontinuity	≤0.05dB
Attenuation at 1310nm	≤0.40dB/km
Attenuation at 1383nm	≤0.40dB/km
Attenuation at 1550nm	≤0.30dB/km
Attenuation at 1625nm	≤0.32dB/km
Cable cut-off Wavelength	≤1260nm
Minimum Bending Radius @ 1550nm	7.5mm radius, 1turn ≤=0.5dB 10mm radius, 1turn ≤=0.1dB 15mm radius, 10turn ≤=0.3dB;

Minimum Bending Radius @ 1625nm	7.5mm radius, 1turn <==1.0dB 10mm radius, 1turn <==0.2dB 15mm radius, 10turn <==0.1dB;
Mechanical Specification	
Proof Stress Level	≥100kpsi (0.69 GPa)
Coating Strip Force (Peak Value)	1.3~8.9N
Fiber Curl (Radius)	≥4m
ORDERING INFORMATION	
GJXDH-2B6A2-SW	superiOrtec 2-Core FTTH Drop Singlemode Indoor (Flat) Cable 2No. Steel Wire Strength Member G657.A2 (LSZH Jacket) – White Color