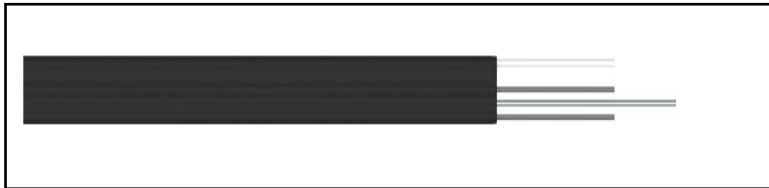




Indoor/Outdoor Self-supporting Optical Fiber Drop Cable

Drawing



Description

The optical fiber unit is positioned in the center. Two parallel strength members (FRP/Steel Wire) are placed at the two sides. Use steel wire to be the additional strength member. Then, the cable is completed with a black LSZH sheath.

Features & Benefits

- G.657A1 or G.657A2 fiber recommended with better bending performance
- Non-metallic structure available
- Environment-friendly LSZH sheath
- Novel flute design for easily strip and splice during installation

Product Specifications

Fiber Type	G.652D/G.657A2/G.657A2/OM1/OM2/OM3/OM4	
Fiber Core	1/2/4	
Strength Member	FRP/Steel Wire	
Messenger Wire	Steel Wire	
Sheath	Material	LSZH

Compliance & Standards

- ISO/IEC 11801
- ITU-T G.651/G.652/G.657
- IEC 60793-1
- IEC 60793-2
- IEC 60794-1
- IEC 60794-2

Applications

- FTTX drop cable
- Self-supporting application

Technical Drawing





Indoor/Outdoor Self-supporting Optical Fiber Drop Cable

Optical Performance

Fiber Type		G.652	G.657
Attenuation(+20°C)	@1310nm(SM)	≤0.40 dB/km	≤0.40 dB/km
	@1550nm(SM)	≤0.30 dB/km	≤0.30 dB/km
Cable Cut-off Wave Length (λ cc)		≤1260nm	≤1260nm

Transport/storage/Operating Temperature:-20°C~+60°C

Mechanical Performance

Cable Type	Fiber Count	Cable Size mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short N/100mm	Bending Radius Static/Dynamic mm
With Steel Strength Member	1/2	2.0*5.0±0.1	12±1	300/600	1000/2200	30/60
With Steel Strength Member	4	2.0*5.0±0.1	12±1	300/600	1000/2200	30/60
With FRP Strength Member	1/2	2.0*5.0±0.1	10±1	300/600	1000/2200	30/60
With FRP Strength Member	4	2.0*5.0±0.1	10±1	300/600	1000/2200	30/60

Ordering Information

Part No.	Product Name	Description
FCDPX8FLH-xy	Indoor and Outdoor Self-supporting Optical Fiber Drop Cable	Steel Strength Member, LSZH Sheath, y Fiber, x Cores
FCDPX8MLH-xy	Indoor and Outdoor Self-supporting Optical Fiber Drop Cable	FRP Strength Member, LSZH Sheath, y Fiber, x Cores

x=Fiber Number (1=1 core, 2=2 cores, 4=4 cores....., 48=48 cores)

y=Fiber Type (S2=G.652D, A1=G.657A1, A2=G.657A2, M1=OM1, M2=OM2, M3=PM3, M4=OM4)