

FTTH Fiber Drop Cable

The FTTH flat drop cable are structure similar to figure 8 version with a messenger wire, and tight buffered fiber surrounded with Kevlar and LSZH jacket to realize the high speed transmission and high resolution for video, audio and data signals.

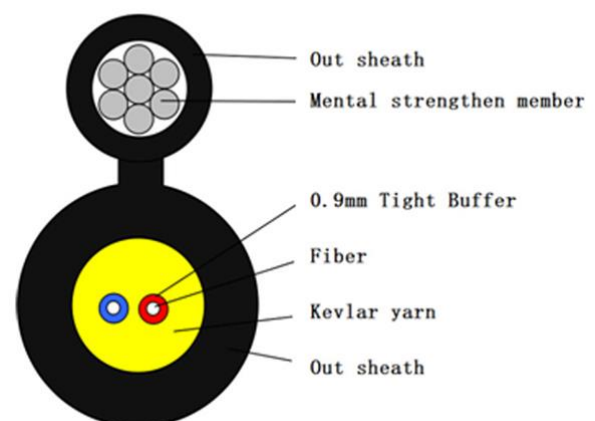
Features

1. Simple structure, light weight and high tensile strength.
2. 1.2mm messenger wire and kelvar to ensure the tensile strength
3. Good mechanical and environmental characteristic

Application

1. Adopted to outdoor level and vertical distribution
2. Long distance and local area network communication

Structure:



Mechanical Details:

Items		Description
Number of fiber		1-2cores
Fiber	type	G657A tight buffer
	diameter	250μm
Strength member	material	Kevlar yarn
Self-support Messenger wire	material	Steel wire
	diameter	1.2mm Steel wire
Outer sheath	material	LSZH
	diameter	1.8±0.2mm
Cable size (Height * width)		3.5 mm x 6.5mm
Cable weight		26KG±1KG
Installation Temperature range(°C)		-20+60
Operation and transport temperature(°C)		-40+70
Min Bending Radius(mm)	Long term	15D
Min Bending Radius(mm)	Short term	30D
Min allowable Tensile Strength(N)	Long term	500
Min allowable Tensile Strength(N)	Short term	700
Crush Load (N/100mm)	Long term	500
Crush Load (N/100mm)	Short term	1000