



GUANGDONG CHANGCHENG COMMUNICATION TECHNOLOGY CO., LTD

TECHNICAL SPECIFICATION
FOR
FIBER OPTIC FIG.8 DROP CABLE
(GJYXCH)

★**Products:** Optical Fiber Drop Cable

★**Customer:**

★**Date:** March 21, 2020

★**Authorized by:** Miya Gao

★**Address:** No.1 Foling Road, Liaobu Town, Dongguan city, Guangdong Province China 52300



FIBER COLOR CODE

Color												
No. of fiber	1	2	3	4	5	6	7	8	9	10	11	12

• Product physical structure:



• Description

FTTH Figure 8 Outdoor fiber drop Cable can be used in outdoor distribution, trunk power transmission system, and more importantly, it is suitable for access network and local network.

The two parallel steel wire strength member has an excellent improve the tensile strength. The cable is completed with the LSZH (LSZH, Low smoke, Zero halogen) material jacket, which has good flame retardant performance.

• Features

- * metal strength member ensures excellent improve the tensile strength.
- * Good flame retardant performance.
- * Low shrinkage and high tensile strength.
- * Low Smoke Zero Halogen Available.

• Application

- * Trunk power transmission system
- * Access network and local network



- * Outdoor distribution
- * Standard: ITU-T-G-657-A1

• Optical Characteristics

		G.652	G.657	50/125μm	62.5/125μm
Attenuation (+20°C)	@850nm			≤3.5 dB/km	≤3.5 dB/km
	@1300nm			≤1.5 dB/km	≤1.5 dB/km
	@1310nm	≤0.45 dB/km	≤0.450 dB/km		
	@1550nm	≤0.30 dB/km	≤0.30dB/km		
Bandwidth (Class A)	@850nm			≥500 MHz·km	≥200 MHz·km
	@1300nm			≥1000 MHz·km	≥600 MHz·km
Numerical Aperture				0.200±0.015 NA	0.275±0.015NA
Cable Cut-off Wavelength λ _{cc}		≤1260nm	≤1260nm		

• Technical Parameters

Fiber Count	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm	Bending Radius Static /Dynamic mm
2	(2.1±0.1) × (5.2±0.1)	22	300/600	2200	15/30

• Packing and Marking

(International Carton packing)

- 1、Standard Carton packing.
- 2、Cable length per drum: 1000m/Roll
- 3、Cable end sealed.
- 4、Carton size:360*325*325mm



PACKING AND SHIPPING



- Each single length of cable shall be reeled on wooden Drum suitable for long-distance shipment.



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