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FTTH SOLUTION

FIBER TO THE HOME CONNECTIVITY



Fiber to the Home Connectivity

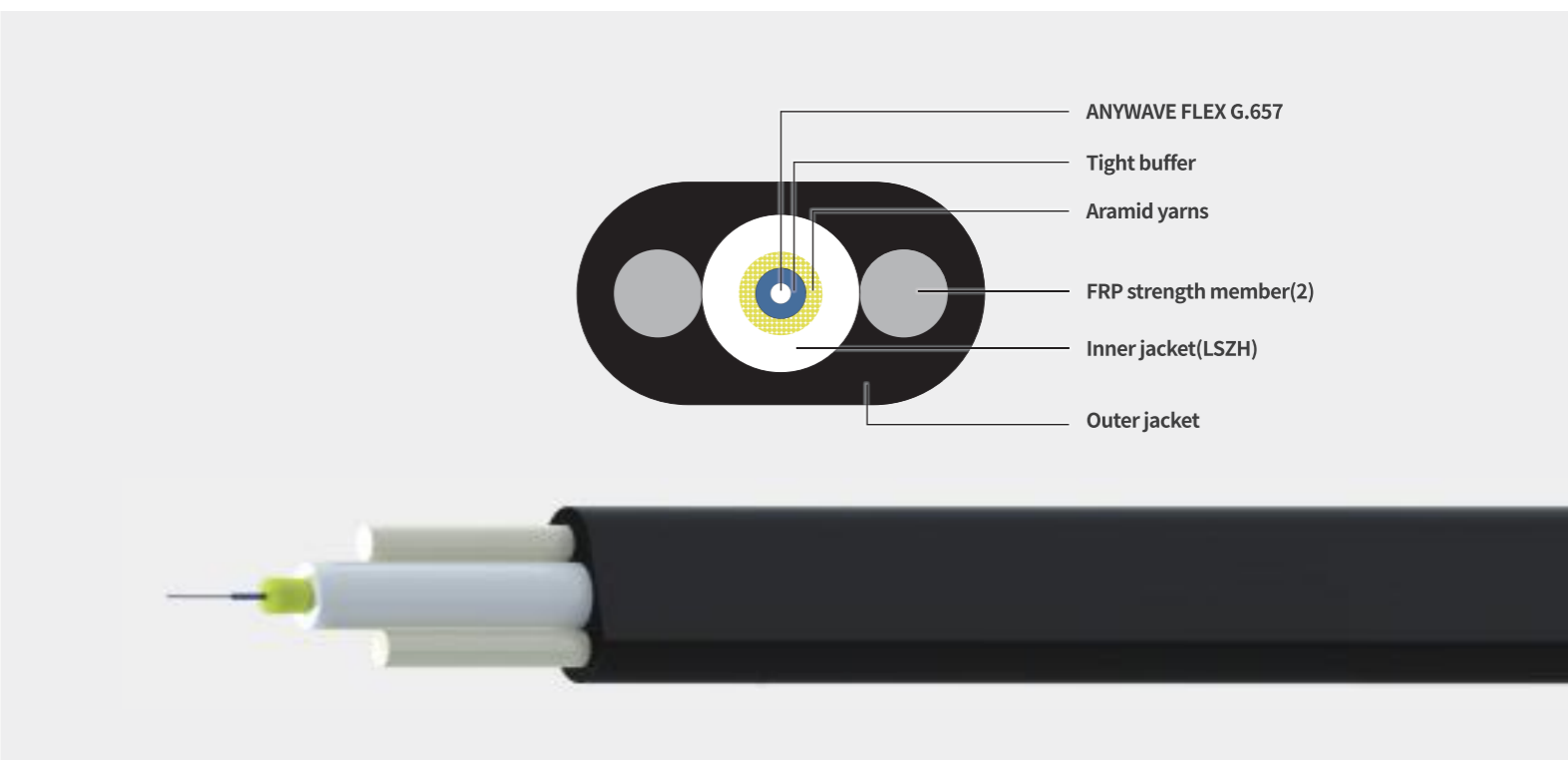
Taihan Fiberoptics offers fiber optic drop cables as an excellent solution to fiber-to-the-home connectivity with outstanding optical performance, durability and reliability.

DROP CABLE



Figure	Product Name	Application	Environment	Fiber Count	Fiber Size	Construction	Fiber Type	Tensile Member	Dimensions	Metallic / Dielectric	Packaging	Features
	Round Indoor/Outdoor Drop cable	Aerial/Ducted	Indoor/Outdoor	1-4	900um (Tight-buffered)	Round	Aramid Yarn, FRP	Indoor: $\le 4.0\text{mm}$ (0.157 inch) Outdoor: $\le 6.0\text{mm}$ (0.236 inch)	Non-Metallic/Dielectric	· Plywood Reel	· Indoor / Outdoor applications · Compact design · Quick Preparation · Easy to remove the outer sheath (Outdoor → Indoor switchable) · Light weight · Easy handling and transportation	
	Flat Low Friction Drop Cable	Ducted	Indoor	1-4	250um	Flat	Galvanized Steel / Steel / FRP / KRP	2.0 x 3.0mm (0.079 x 0.118 inch)	Metallic/Dielectric	· Plastic Reel in a Pullout Box	· Indoor applications · Compact design · Quick preparation · Light weight · Easy handling and transportation	
	Flat Figure 8 Drop Cable	Aerial / Ducted	Indoor / Outdoor	1-12	250um	Flat	Galvanized Steel / Steel / FRP / KRP	2.0 x 5.1mm (0.079 x 0.201 inch)	Metallic / Dielectric	· Plastic Reel in a Pullout Box · Plywood Reel	· Outdoor applications · Universal deployment: Aerial / Duct · Versatile and compact design · Quick preparation · Light weight · Easy handling and transportation · Single or stranded Messenger available	
	Round Tight Buffer Drop Cable	Aerial / Ducted	Outdoor	1-2	900um / 600um	Round	Aramid Yarn	3.0 - 5.0mm (0.118 - 0.197 inch)	Dielectric	· Plastic Reel in a Pullout Box · Plywood Reel	· Outdoor applications · Universal deployment: Aerial / Duct · Quick preparation · Light weight · Easy handling and transportation	
	Flat Tight Buffer Drop Cable	Aerial / Ducted	Outdoor	1	900um	Flat	FRP	3.0 x 5.4mm (0.118 - 0.213 inch)	Dielectric	Plywood Reel	· Outdoor applications · Universal deployment: Aerial / Duct · Quick preparation · Light weight · Easy handling and transportation	
	LT Flat Drop Indoor/Outdoor Cable	Aerial / Ducted / Buried	Outdoor	1-12 / 13-24 (Also Available)	250um	Flat	FRP	4.5 x 8.1mm (0.177-0.319 inch)	Dielectric / Toneable (Available)	Wood/Plywood Reel	· Outdoor applications · Universal deployment: Aerial, Duct or Buried · Excellent crush resistance · Minimized installation cost for low fiber count cable · Available in Toneable version	
	Simplex Flat Drop Indoor/Outdoor Cable	Aerial / Ducted / Buried	Indoor / Outdoor	1-2	900um	Flat	FRP / Aramid Yarn	Indoor (Round): 2.9mm (0.114 inch) Outdoor (Flat): 4.5 x 8.2mm (0.177-0.323 2inch)	Dielectric / Toneable (Available)	Wood/Plywood Reel	· Indoor / Outdoor applications · FTTx Premise · Universal deployment: Aerial, Duct or Buried · Excellent crush resistance · Optical fiber G.657.B3 applicable · Available in Toneable version	

SIMPLEX FLAT DROP INDOOR/OUTDOOR CABLE



Description

Taihan Fiberoptics' fiber-to-the-premises drop cable is a versatile 2-in-1 design which can be used in aerial outdoor, duct, and indoor applications. This cable is designed with a 900 micron fiber inside a flame rated simplex drop that can reach and terminated into premises or on the external wall to the optical network terminal without any home termination box. Its strength is given by the two FRPs on each side making a flat form shape. Available in toneable designs and as a preconnectorized assembly.

Features



Compact design



Quick Preparation



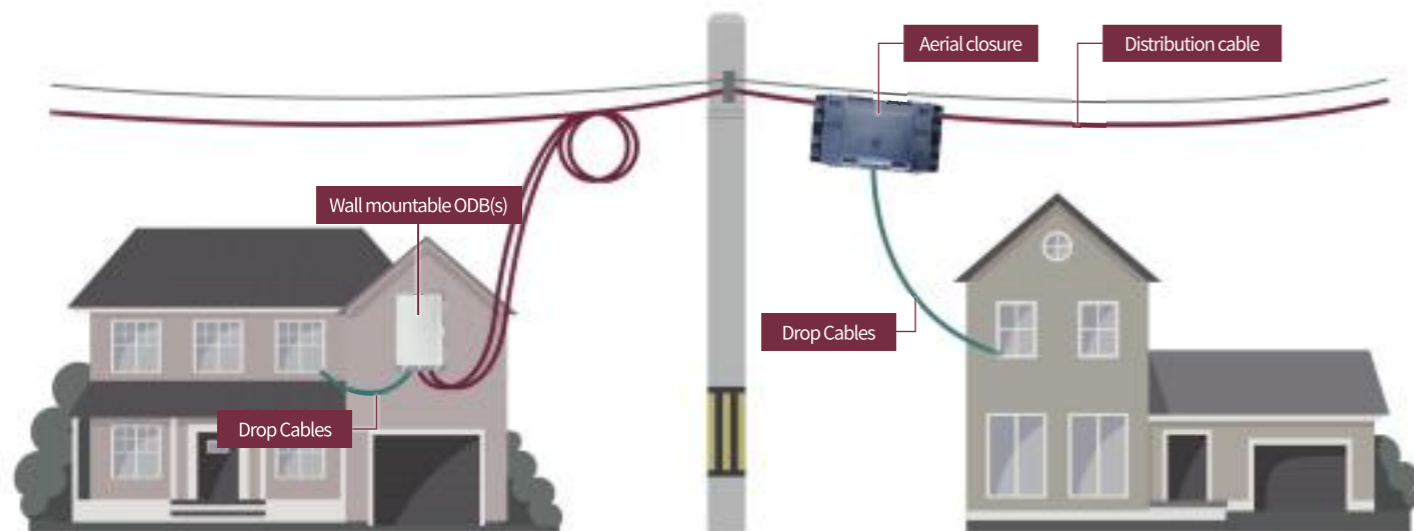
Light weight

- Indoor / Outdoor applications
- Easy handling and transportation
- Easy to remove the outer sheath (Outdoor → Indoor switchable)

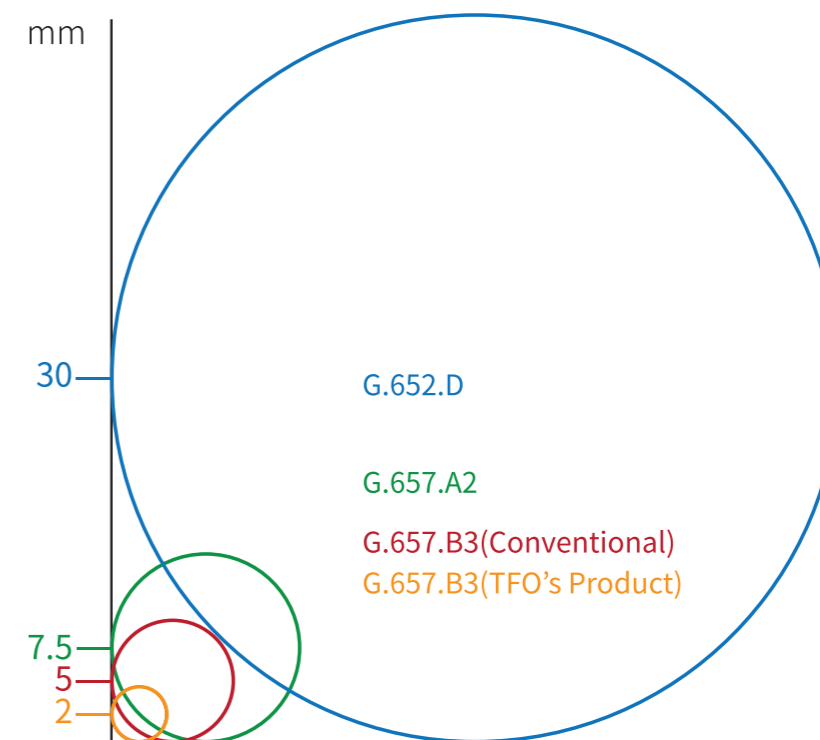
Standards & Certifications

[ITU-T G 652.D, 657. A1, A2, B2] [IEC 60793] [TIA-598]
[IEC 60794-4]
[ISO 9001, 14001] [OHSAS 18001]

FTTH SOLUTION



BENDING RADIUS FOR SINGLE-MODE FIBER TYPES



FIBER PERFORMANCE TYPES

Fiber Names	Fiber Category	Performance Grade	Wavelength (nm)	Maximum Attenuation (dB/km)	Typical Attenuation (dB/km)
ANYWAVE D	G.652.D	02	1310/1383/1550	0.40/0.40/0.30	0.35/0.35/0.25
ANYWAVE FLEX A1	G.657.A1	02	1310/1383/1550	0.40/0.40/0.30	0.35/0.35/0.25
ANYWAVE FLEX A2	G.657.A2	02	1310/1383/1550	0.40/0.40/0.30	0.35/0.35/0.25
ANYWAVE FLEX A2	G.657.B3	02	1310/1383/1550	0.40/0.40/0.30	0.35/0.35/0.25

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