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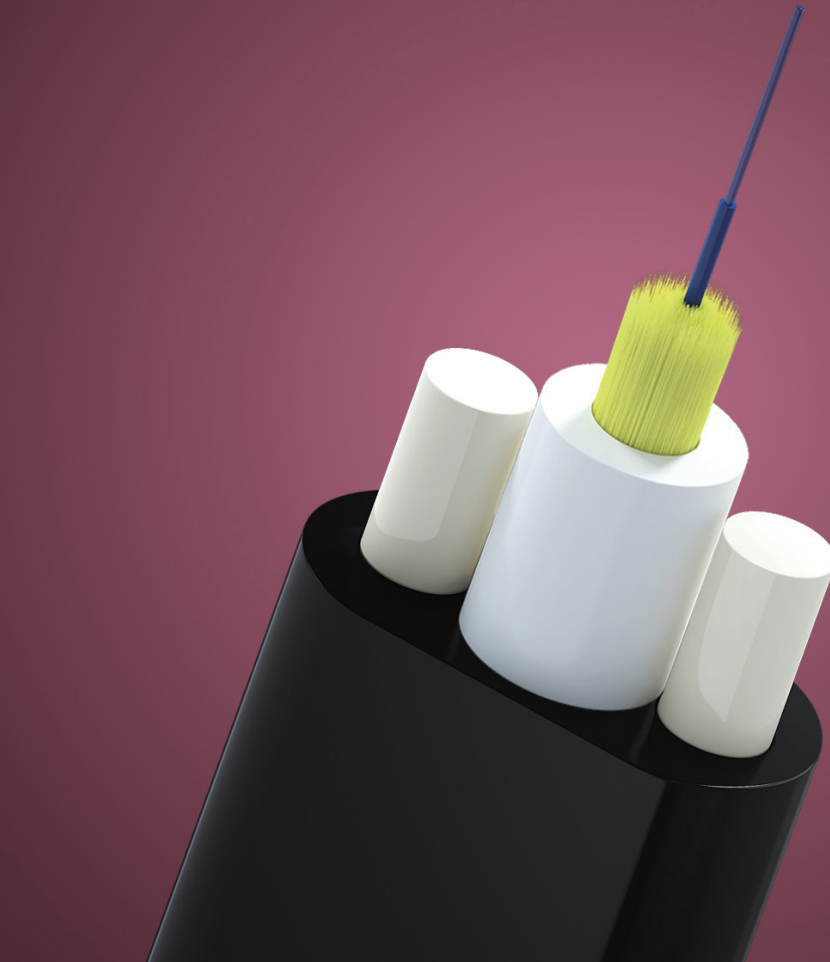
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FTTH SOLUTION

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

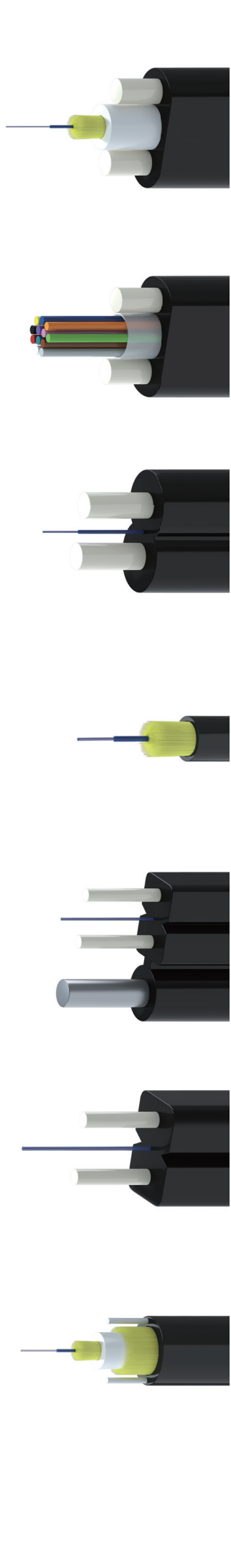
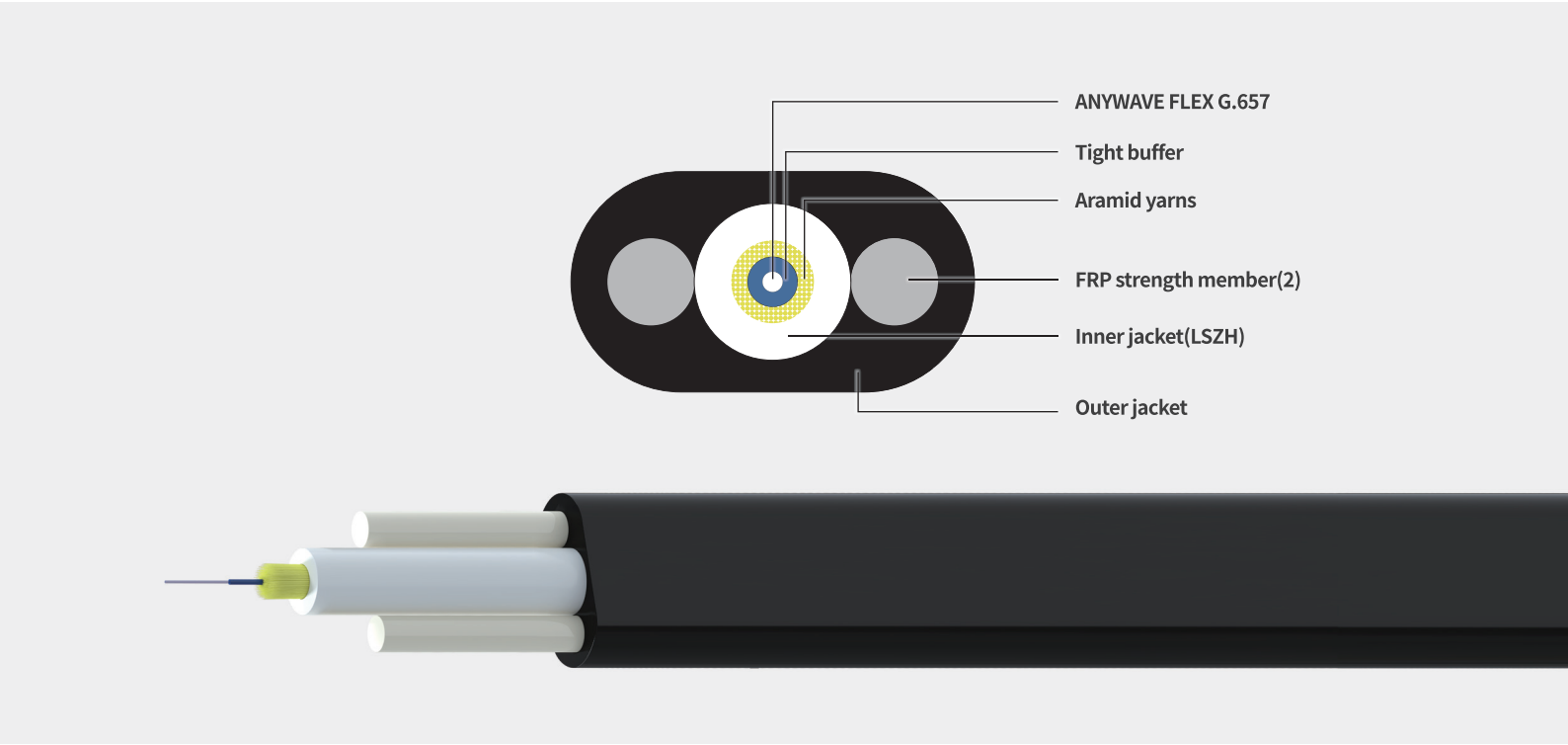


Figure							
Product Name	Round Indoor/Outdoor Drop cable	Flat Low Friction Drop Cable	Flat Figure 8 Drop Cable	Round Tight Buffer Drop Cable	Flat Tight Buffer Drop Cable	LT Flat Drop Indoor/Outdoor Cable	Simplex Flat Drop Indoor/Outdoor Cable
Application	Aerial/Ducted	Ducted	Aerial / Ducted	Aerial / Ducted	Aerial / Ducted	Aerial / Ducted / Buried	Aerial / Ducted / Buried
Environment	Indoor/Outdoor	Indoor	Indoor / Outdoor	Outdoor	Outdoor	Outdoor	Indoor / Outdoor
Fiber Count	1 ~ 4	1 ~ 4	1 ~ 12	1 ~ 2	1	1 ~ 12 / 13~24 (Also Available)	1 ~ 2
Fiber Size	900um(Tight-buffered)	250um	250um	900um / 600um	900um	250um	900um
Construction	Round	Flat	Flat	Round	Flat	Flat	Flat
G.657.A1 / G.657.A2 / G.657.B3							
Fiber Type	Aramid Yam, FRP	Galvanized Steel / Steel / FRP / KRP	Galvanized Steel / Steel / FRP / KRP	Aramid Yam	FRP	FRP	FRP / Aramid Yam
Tensile Member							
Dimensions	Indoor : <4.0mm (0.157 inch) Outdoor : <6.0mm (0.236 inch)	2.0×3.0mm (0.079×0.118 inch)	2.0×5.1mm (0.079×0.201 inch)	3.0~ 5.0mm (0.118 ~ 0.197 inch)	3.0×5.4mm (0.118 - 0.213 inch)	4.5×8.1mm (0.177~0.319 inch)	Indoor(Round): 2.9mm (0.114 inch) Outdoor(Flat): 4.5 x 8.2mm (0.177~0.323 2inch)
Metallic/ Dielectric	Non-Metallic/Dielectric	Metallic/Dielectric	Metallic/ Dielectric	Dielectric	Dielectric	Dielectric / Toneable (Available)	Dielectric / Toneable (Available)
Packaging	· Plywood Reel	· Plastic Reel in a Pullout Box	· Plastic Reel in a Pullout Box · Plywood Reel	· Plastic Reel in a Pullout Box · Plywood Reel	Plywood Reel	Wood/Plywood Reel	Wood/Plywood Reel
Features	- Indoor / Outdoor applications - Compact design - Quick Preparation - Easy to remove the outer sheath (Outdoor → Indoor switchable) - Light weight ▶ Easy handling and transportation	- Indoor applications - Compact design - Quick preparation - Light weight ▶ Easy handling and transportation	- Outdoor applications - Universal deployment: Aerial / Duct - Versatile and compact design - Quick preparation - Light weight ▶ Easy handling and transportation - Single or stranded Messenger available	- Outdoor applications - Universal deployment: Aerial / Duct - Quick preparation - Light weight ▶ Easy handling and transportation	- Outdoor applications - Universal deployment: Aerial / Duct - Quick preparation - Light weight ▶ Easy handling and transportation	- Outdoor applications - Universal deployment: Aerial, Duct or Buried - Excellent crush resistance - Minimized installation cost for low fiber count cable - Available in Toneable version	- 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.

Standards & Certifications

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

Features

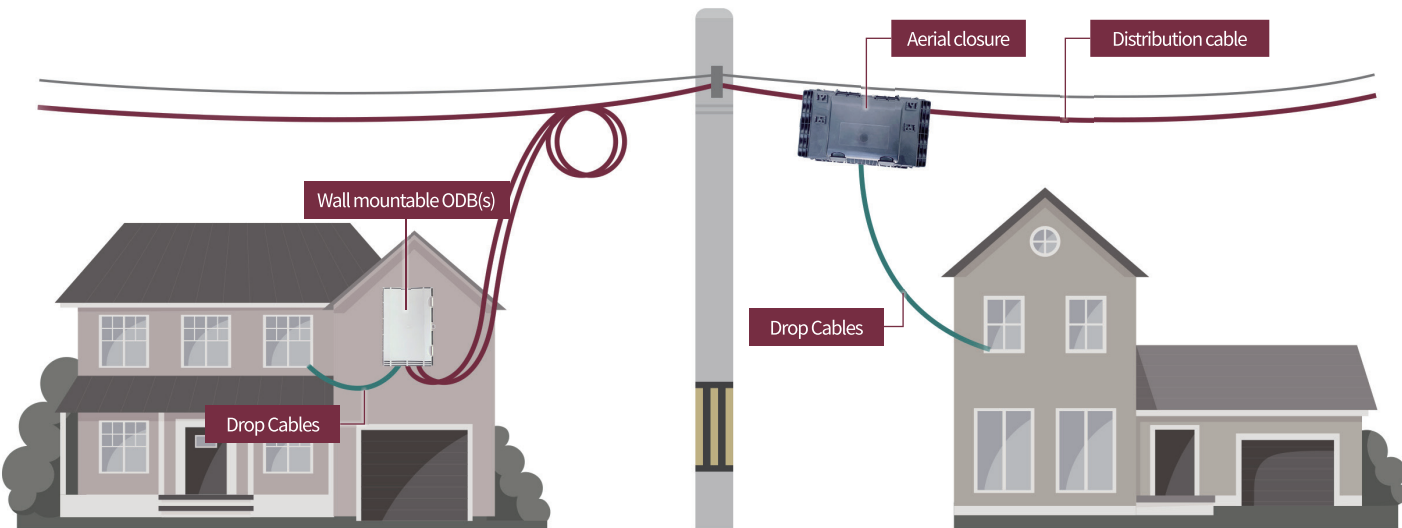
Compact design

Quick Preparation

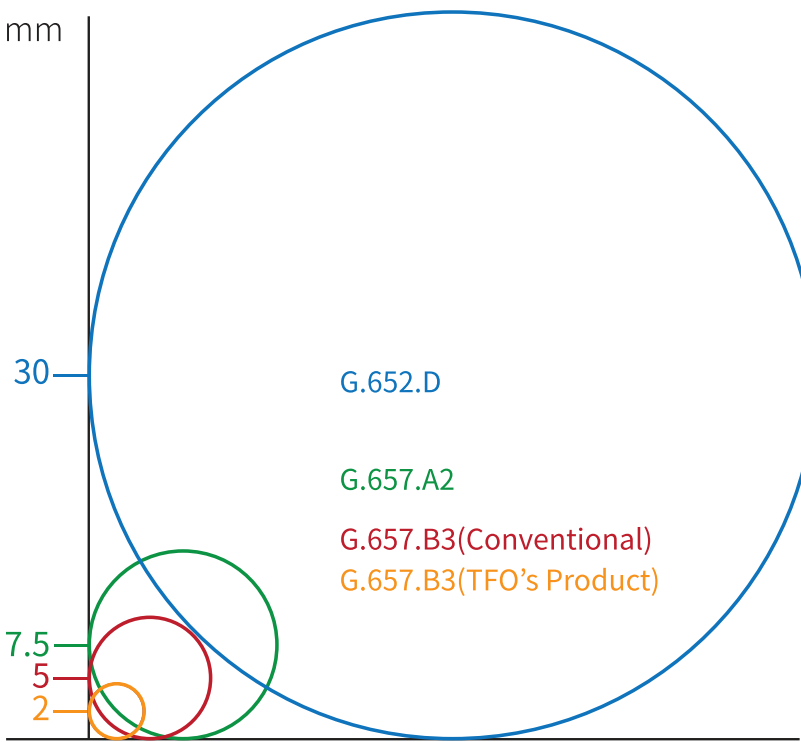
Light weight

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

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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