

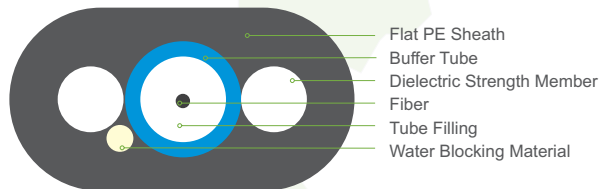
PRODUCT DATA SHEET

Flat Self-supporting Unitube Cable (GYFXBY)



Introduction

Nitrotel FTTH flat aerial access unitube cable GYFXBY is suitable for FTTH aerial access application. This cable has simple construction and stable performance. It is an all-dielectric self-supporting cable which prevents thunder access.



Fiber color code

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua

Size and weight of fiber optic cable with 1-12 fibers

FRP Diameter (mm)	Cable width W (mm)	Cable height H (mm)	Weight (kg/km)
Φ1.6	8.1±0.3	4.6±0.3	35

Mechanical character of fiber optic cable

1. Maximum short term installation tensile strength	1400 (N)
2. Maximum long term working tensile strength	400 (N)
3. Maximum short term crush resistance	5000 (N/100mm)
4. Maximum long term crush resistance	1000 (N/100mm)
5. Dynamic bending radius	30H
6. Static bending radius	15H

Environmental characteristics of fiber optic cable

Storage/Transportation/use temperature	-40OC~+70 OC
Installation temperature	-30 OC~+60 OC
Attenuation change	≤0.15 (dB/km) @1550nm ≤0.15 (dB/km)

Characteristics

- Easy-access unitube design
- High fiber protection and signal integrity
- Non-Metallic strength member eliminates bonding and grounding requirement
- Span distances up to 60m.
- Application: FTTH aerial access

