

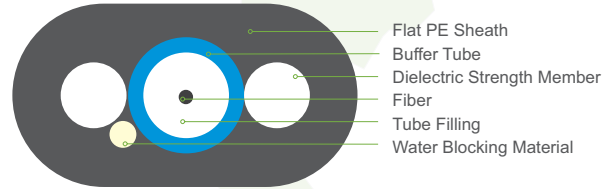
**PRODUCT DATA SHEET**

**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

