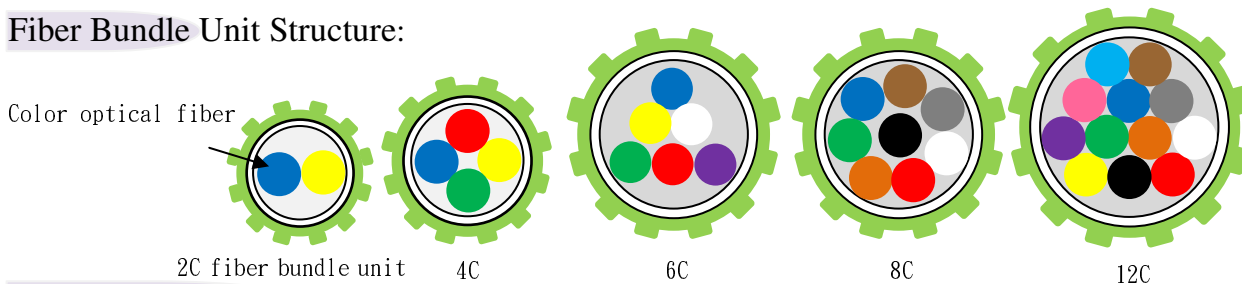


Blown Fiber Bundle Unit---- FTTH Solution

Properties & application:

- Saving future maintenance/expansion costs, the overall cost is lower than traditional fiber optic cable.
- Rapid deployment, long blowing distance, maintenance and expansion of the construction is simple and convenient.
- Depending on user needs to deploy appropriate number of fibers to the micro tube bundles by the air-blowing method.

Fiber Bundle Unit Structure:



Dimension:

Color system	Optical fiber no.												
	color	1	2	3	4	5	6	7	8	9	10	11	12
Item	Blue	Yellow	Green	Red	Violet	White	Brown	Black	Aqua	Orange	Pink	Grey	
Fiber count	2		4		6		8		12				
O.D. and tolerance (mm)	1.15±0.05		1.15±0.05		1.35±0.05		1.50±0.05		1.65±0.05				
Weight (g/m)	1.0		1.0		1.3		1.8		2.2				
Min bending radius (mm)	50		50		60		80		80				

Appropriate temperature Storage : -30°C ~ +60°C Usage : -20°C ~ +60°C Deployment : -5°C ~ +50°C

Spec item	Value		Spec item	Value	
G.652 single mode optical fiber					
Attenuation	≦ 0.45dB/km @1260nm		chromatic dispersion	≦ 6.21 @1260nm	
	≦ 0.40dB/km @1310nm			≦ 1.14 @1310nm	
	≦ 0.35dB/km @1383nm			≦ 7.05 @1383nm	
	≦ 0.30dB/km @1550nm			≦ 18.21 @1550nm	
	≦ 0.35dB/km @1625nm			≦ 22.31 @1625nm	
Attenuation uniformity	0.1dB max@1550±25nm		Cut-off wavelength	≦ 1260nm	
Module field O.D.	9.0 ~ 9.4 μm±0.4μm@1310 nm		Bending loss	1 turn @r=32mm	≦ 0.1dB @1550nm
	10.0 ~ 10.7 μm±0.7μm@1550 nm				≦ 0.5dB @1625nm
極化模色散	個別	0.2 ps/km ^{1/2}	Splicing loss	Individual ≦ 0.2 dB	
				Average ≦ 0.15 dB	
Multi-mode optical fiber 50/125			Multi-mode optical fiber 62.5/125		
Attenuation	≦ 3.0dB/km @850nm		Attenuation	≦ 3.5dB/km @850nm	
	≦ 1.0dB/km @1300nm			≦ 1.5dB/km @1300nm	
Band width	≧ 500@850 ±20 nm		Band width	≧ 200@850 ±20 nm	
	≧ 500@1300 ±20 nm			≧ 500@1300 ±20 nm	
Attenuation uniformity	≦ 0.2 dB @850 ±20 nm / ≦ 0.2 dB @1300 ±20 nm				

Package	Fibre Count	Length (m)	Pan Size Φ×H (mm)	Weight (Gross) (kg)
	2~4 Fibres		2000 m	φ560 × 120
4000 m			φ560 × 180	10.0
6 Fibres		2000 m	φ560 × 180	9.0
		4000 m	φ560 × 240	12.0
8 Fibres		2000 m	φ560 × 180	10.0
		4000 m	φ560 × 240	14.0
12 Fibres		1000 m	φ560 × 120	8.0
		2000 m	φ560 × 180	10.5
		4000 m	φ560 × 240	15.0

