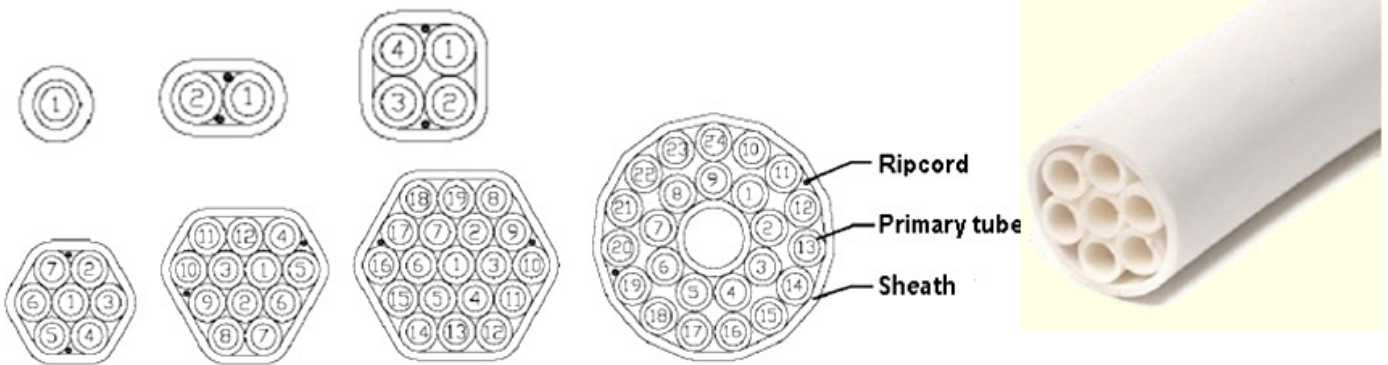


# Micro Tube Bundle for Blown Fiber Bundle Unit---- FTTH Solution

## Properties & application:

- With fiber bundles, saving future maintenance/expansion costs.
- Pre-deployed the micro tube bundle inside the building at once, the future only need to swap fiber bundles.
- Depending on user needs to deploy appropriate number of fibers to the micro tube bundles by the air-blowing method.

## Structure:



## Dimension:

Dimension (nominal O.D. / nominal I.D.)		I.D. and tolerance (mm)				O.D. and tolerance (mm)	
5.0/3.5		3.5 ± 0.1				5.0 ± 0.1	
Item	Value						
Type-Tube count	1	2	4	7	12	19	24
O.D. (approx.)(mm)	5.0	12.2 × 7.2	14.3 × 12.2	17.0 × 15.7	22.3 × 20.0	27.0 × 24.3	32.0 × 31.8
weight (approx.)(g/m)	15	75	122	185	200	420	580
Bending radius (mm)	60	150 × 90	175 × 150	205 × 190	270 × 240	325 × 295	385 × 380
Primary tube mechanical properties				Micro tube bundle mechanical properties			
Rolling test	1. Not damaged. 2. The inner diameter reduction is not greater than 0.5mm			Squeezing test	Crush amount ≤ 5 % of the original diameter		
Bending test				Winding recovery test	≥92% of the original outer diameter and the appearance without injury		
				Torsion test	No cracks on the outer sheath		
Resistance to air pressure test	No cracks (that is, no bubbles are generated.)			Flattening test	≥ 85 % of the O.D. of the original		
LSNH PE : comply with IEC 60332-1				1. oxygen index : ≥30 % 2. Smoke density : ≤75@4 mins / ≤150@20 mins 3. toxic index : ≤5/100g			