





If you don't wind the drop cable, the tensile strength of cable will be reduced. ( Provided that you wind, the tensile strength will be 100Kg / If not, less than 40Kg )

### Principle and Structure

CableFish-FTTx3.0 is designed for FTTx 3.0mm drop Cable to work a frictional force and a compressive force harmoniously.

The principle of transformation

The tensile strength  $\rightarrow$  Rotation force  $\rightarrow$  Compressive force

- All the part of compressive force is equal.

- In proportion as the tensile strength, the compressive force increases.

#### Supply

- The packing of the product : 500EA/BOX

Efficiency and a special quality

## - The tensile strength

(KT standard requirements : More than 50Kg )

No.	(1Newton=9.8Kgm/sec <sup>2</sup> )	
1	902 N	92 Kg
2	873 N	89 Kg

# - The amount of transmission loss

(KT Standard requirements : within 0.2dB)

No.	No Weight	50Kg Weight	Level
1	4.38 dBm	4.38 dBm	0.00 dB
2	4.30 dBm	4.29 dBm	–0.01 dB
3	4.92 dBm	4.92 dBm	0.00 dB

### - Clamping ability

The 3 important elements of FTTx Cable is Optical fiber, Urethane shielded, Aramid yarn.

CableFish-FTTx has the superior clamping efficiency to fix these elements at a time.

After setting up, minimize the possibility of breakage. CableFish also prevents pulling of optical fiber

### - Improve the economical efficiency

It can be satisfied the standard requirement by winding once only (within 10cm).

Minimize the loss of expensive FTTx Cable , Reduce construction expenses. Reduce the time of setting up cables.

### - Prevent Cable Sagging

There is no cable sagging cased by the tensile strength.

