

## GYFTS

### Application:

The products are especially suitable for the urban backbone transmission network and the accessing network of the users.

### Cable Structure:



### Standard Reference:

ITU-T G.652, ITU-T G.655, IEC 60794-1, YD/T 901-2009

### Transmission performance:

Fiber Type	62.5 μ m(OM1) (850/1300nm)	50 μ m(OM2) (850/1300nm)	G652 (1310/1550nm)	G655 (1550/1625nm)
Max. Attenuation(dB/km)	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Typical. Attenuation(dB/km)	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

\* Other type of optical fiber can be used according to customer's requirements.

### Cable Parameters:

Max. Fiber core	Tension(N)		Crush(N/100mm)		Min. Bending Radius(mm)		Dia. (mm)	Weight (kg/km)
	Short	Long	Short	Long	Dynamic	Static		
36	1500	600	1000	300	20D	10D	10.2	102
48	1500	600	1000	300	20D	10D	11.4	129
72	1500	600	1000	300	20D	10D	11.6	131
96	1500	600	1000	300	20D	10D	13.4	178
144	1500	600	1000	300	20D	10D	16.6	246
288	1500	600	1000	300	20D	10D	19.0	313

\* The cable parameters are typical values and should be adjusted according to the actual situation.

\*\* The cable can be designed according to customer's requirements.

\*\*\* D means the cable diameter.