

## GYTY53

### 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 $\mu$ m(OM1)	50 $\mu$ m(OM2)	G652	G655
	(850/1300nm)	(850/1300nm)	(1310/1550nm)	(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	3000	1000	3000	1000	25D	12.5D	11.6	161
60	3000	1000	3000	1000	25D	12.5D	12.2	171
72	3000	1000	3000	1000	25D	12.5D	12.8	198
96	3000	1000	3000	1000	25D	12.5D	14.1	234
144	3000	1000	3000	1000	25D	12.5D	17.0	311

\* 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.