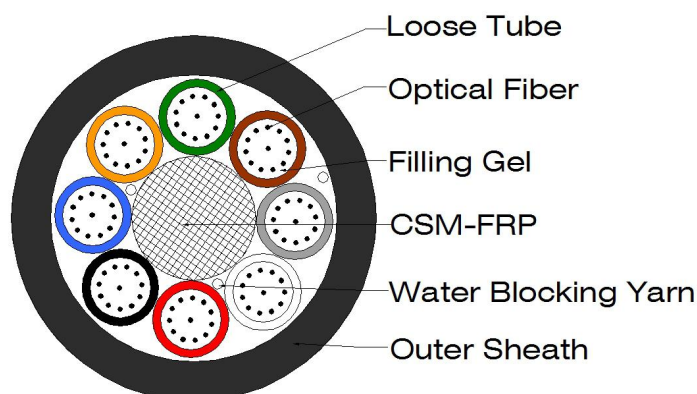


GCFY

Application:

The product is air blown micro duct application, especially suitable for FTTH access network.

Cable Structure:



Standard Reference:

ITU-T G.652, ITU-T G.655, IEC 60794-1, YD/T 1460-2006

Transmission performance:

| Fiber Type | 62.5 μ m(OM1) | 50 μ m(OM2) | G652 | G655 |
|-----------------------------|-------------------|-----------------|---------------|---------------|
| | (850/1300nm) | (850/1300nm) | (1310/1550nm) | (1550/1625nm) |
| Max. Attenuation(dB/km) | 3.5/1.5 | 3.5/1.5 | 0.38/0.24 | 0.25/0.28 |
| Typical. Attenuation(dB/km) | 3.5/1.5 | 3.0/1.0 | 0.36/0.22 | 0.22/0.25 |

* 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 | | |
| 48 | 0.5G | 0.15G | 450 | 150 | 20D | 10D | 5.0 | 23 |
| 72 | 0.5G | 0.15G | 450 | 150 | 20D | 10D | 6.0 | 35 |
| 96 | 0.5G | 0.15G | 450 | 150 | 20D | 10D | 7.0 | 46 |
| 144 | 0.5G | 0.15G | 450 | 150 | 20D | 10D | 9.0 | 73 |

* 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.

**** G means the weight of 1KM cable.