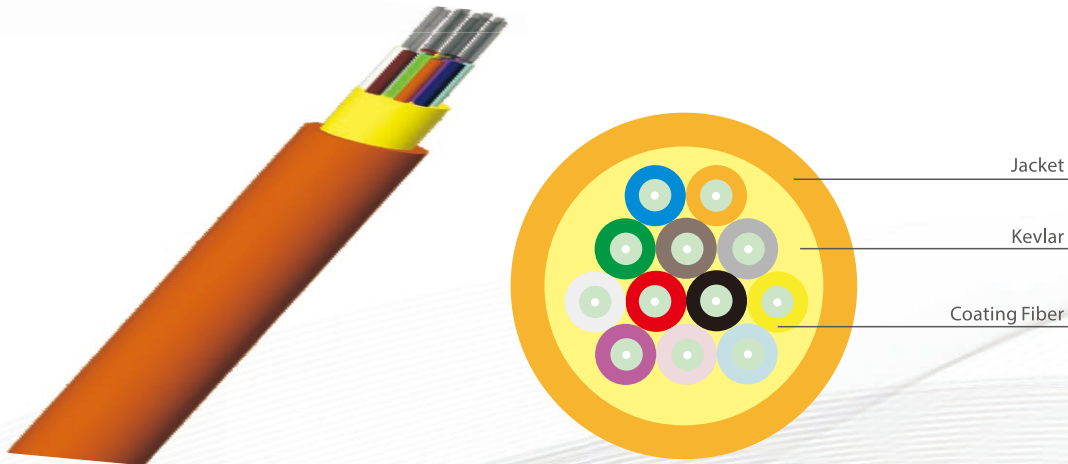


INDOOR CABLE

Dry Structure Cable



Applications

- Used in indoor cabling, especially used as distribution cable
- Used as access building cable
- Used as interconnect lines of equipments and optical connections in optical communication equipment rooms and distribution frames
- Used as pigtails and patch cords

Features

- Good mechanical and environmental characteristics
- Flame retardant characteristics meets the requirements of relevant standards
- The mechanical characteristics meet the requirements of relevant standards
- Soft, flexible, easy to splice, and with big capacity data transmission
- Meet various requirements of market and clients

Cable Performance

| Fiber Count | Dimension 250µm Coating | Weight (kg/km) | Tensile (N) | | Crush(N/100mm) | | Min.Bend Radius(mm) | | Temperature (°C) |
|-------------|-------------------------|----------------|---------------------|---------------------|---------------------|------------------|---------------------|----|------------------|
| | | | LongTerm/Short Term | LongTerm/Short Term | LongTerm/Short Term | Dynamic / Static | | | |
| 1 | 2.0 | 3.5 | 40 | 80 | 100 | 500 | 50 | 30 | -20~+70 |
| 2 | 2.0 | 3.7 | 40 | 80 | 100 | 500 | 50 | 30 | -20~+70 |
| 4 | 2.0 | 3.9 | 40 | 80 | 100 | 500 | 50 | 30 | -20~+70 |
| 6 | 2.4 | 5.2 | 60 | 100 | 100 | 500 | 50 | 30 | -20~+70 |
| 8 | 2.8 | 7.4 | 60 | 100 | 100 | 500 | 50 | 30 | -20~+70 |
| 12 | 3.0 | 8.2 | 60 | 100 | 100 | 500 | 50 | 30 | -20~+70 |

Note: 1. All the values in the table, which are for reference only, are subject to change without notice;
2. Dis outer diameter of the round cable;
3. The minimum bend radius (static) is 5D when G.657 fiber is used.

Optical Characteristic

| Fiber Type | | Attenuation (dB/km) | | Full Bandwidth (MHZ.km) | Effective Bandwidth (MHZ.km) | 1Gbps Reach (m) | 10Gbps Reach (m) | Min Bend Radius (mm) |
|-------------|--------|---------------------|---------|-------------------------|------------------------------|-----------------|------------------|----------------------|
| Multi Mode | | 850/1300nm | | 850/1300nm | 850nm | 850/1300nm | 850/1300nm | / |
| | | Typical | Max | | | | | |
| 62.5/125 | OM1 | 3.0/1.0 | 3.5/1.5 | 200/500 | 220 | 275/550 | 33/300 | 30 |
| 50/125 | OM2 | 3.0/1.0 | 3.5/1.5 | 500/500 | 510 | 550/550 | 82/300 | 30 |
| 50/125-150 | OM2+ | 3.0/1.0 | 3.5/1.5 | 700/500 | 850 | 750/550 | 150/300 | 30 |
| 50/125-300 | OM3 | 3.0/1.0 | 3.5/1.5 | 1500/500 | 2000 | 1000/550 | 300/300 | 30 |
| 50/125-550 | OM4 | 3.0/0.7 | 3.0/1.0 | 3500/500 | 4700 | 1000/550 | 550/550 | 30 |
| Single Mode | | 1310/1550nm | | / | / | 1310/1550nm | 1310/1550nm | / |
| | | Typical | Max | | | | | |
| 9/125µm | G652D | 0.36/0.22 | 0.5/0.4 | - | - | 5000m | 10000-40000m | 30 |
| 9/125µm | G657A1 | 0.36/0.22 | 0.5/0.4 | - | - | 5000m | 10000-40000m | 10 |
| 9/125µm | G657A2 | 0.36/0.22 | 0.5/0.4 | - | - | 5000m | 10000-40000m | 7.5 |