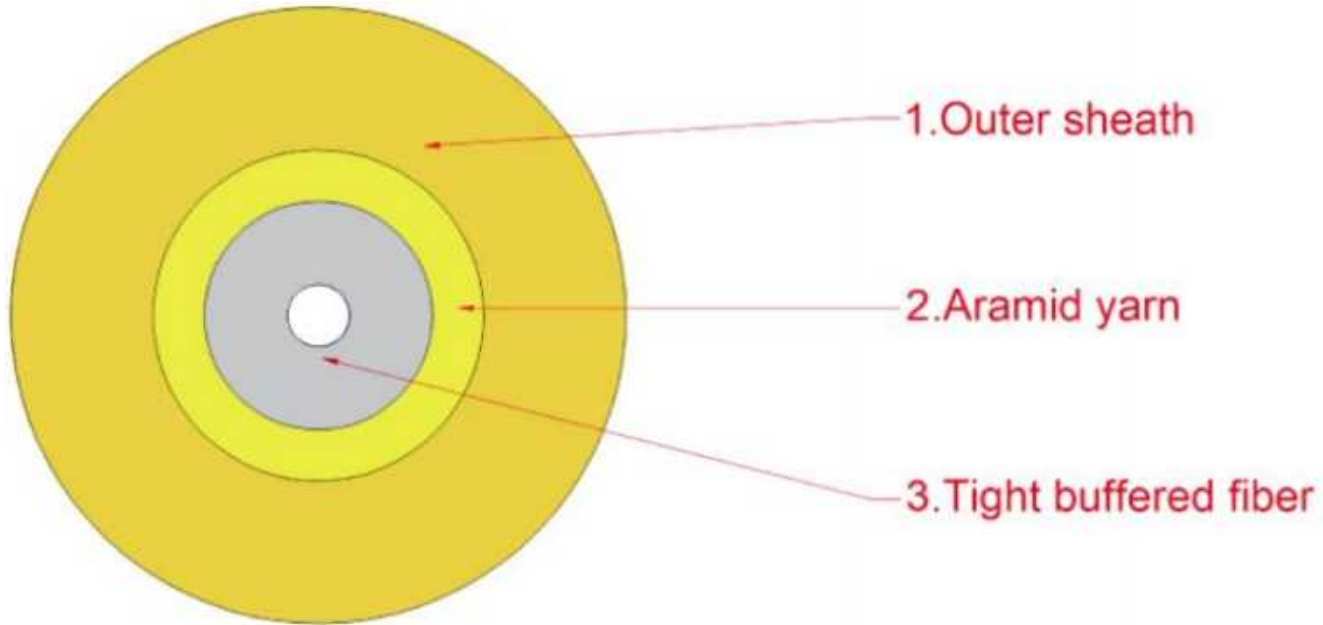


Application

With a single tight-buffered fiber as the basic unit, high modulus aramid yarn as the strength member, and the jacket is made of polyvinyl chloride (PVC) or low smoke zero halogen flame-retardant polyolefin (LSZH).

Product application

- Optical fiber patchcord and pigtail
- Interconnection of instrument and communication equipment
- Indoor integrated wiring



Parameters

| Fiber count | Strength member | Cable diameter (mm) | Cable weight - (kg/km) | Minimum radius | bending | Tensile load (N) | | Crush load (N/100mm) | | Temperature range |
|-------------|--------------------------|---------------------|------------------------|----------------|---------|------------------|-----------|----------------------|-----------|-------------------|
| | | | | static | dynamic | Short term | Long term | Short term | Long term | |
| 1 | high modulus aramid yarn | 1.6±0.1 | 2.2 | 30 | 60 | 80 | 40 | 500 | 100 | -20℃ -+60℃ |
| 1 | high modulus aramid yarn | 1.8±0.1 | 3.4 | 30 | 60 | 100 | 60 | 500 | 100 | -20℃ -+60℃ |
| 1 | high modulus aramid yarn | 2.0 ±0.1 | 3.9 | 30 | 60 | 100 | 60 | 500 | 100 | -20℃ -+60℃ |
| 1 | high modulus aramid yarn | 2.4 ±0.1 | 5.1 | 30 | 60 | 120 | 60 | 500 | 100 | -20℃ -+60℃ |
| 1 | high modulus aramid yarn | 2.8±0.1 | 5.6 | 30 | 60 | 150 | 80 | 500 | 100 | -20℃ -+60℃ |
| 1 | high modulus aramid yarn | 3.0 ±0.1 | 6.6 | 30 | 60 | 150 | 80 | 500 | 100 | -20℃ -+60℃ |