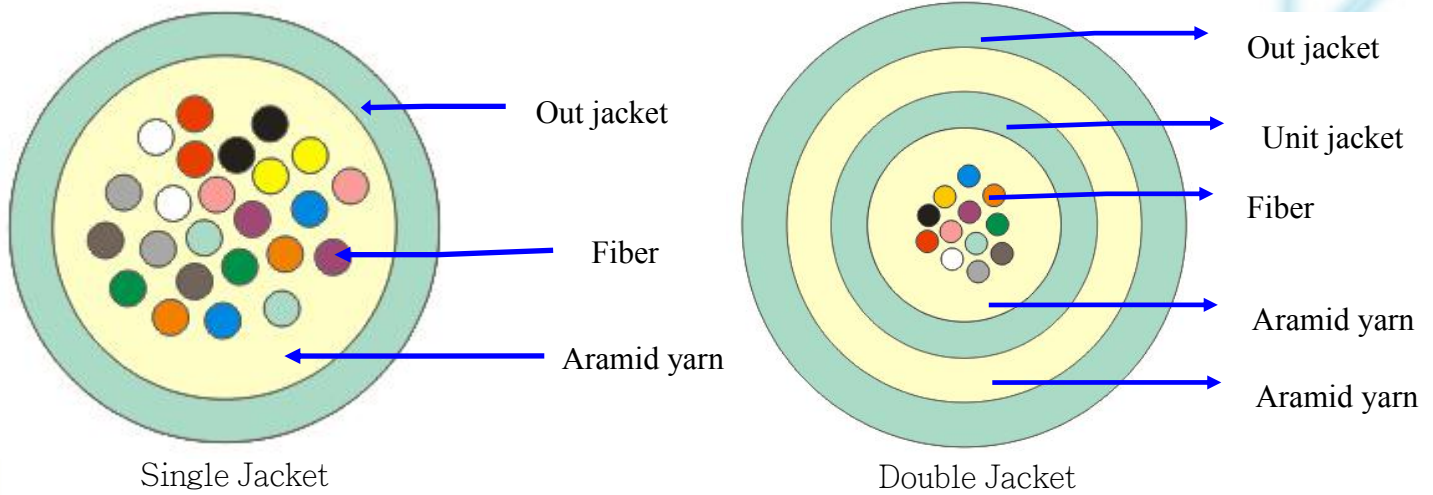


Distribution Optical Cable (Micro)

Cable Structure



Cable Technical Parameters

Type		Single Jacket			Double Jacket
Fiber Count		2~4	6~12	24	2~24
Unit cable	OD (mm)	2.4±0.1	2.9±0.1	3.7±0.2	2.90±0.1
	Thickness(mm)	0.4±0.05	0.5±0.05	0.65±0.05	0.5±0.05
	Material	PVC-OFNP			
Cable	OD (mm)	---	---	---	4.5±0.3
	Thickness(mm)	---	---	---	0.6±0.05
	Material	---	---	---	PVC-OFNP
Max.tensile Strength(N)	Short-term	100	150	210	440
	Long-term	50	80	100	220
Min.Bending Radius(mm)	Dynamic	4.6	8.0	11.2	20D
	Static				10D
Max.Crush Resistance(N/100mm)	Short-term				1000
	Long-term				300
Nominal weight(kg/km)		100			21
Color		According to contract			
Strength Members		Aramid yarn			
Temperature range	Storage or transportation	-20~70°C			
	Operation	-10~60°C			

Applications

- Used indoor cabling, especially used in good laying condition
- Used as connectors in optical communication equipment rooms and distribution frames, and used as optical apparatus connectors
- As pigtails, movable connectors and patch cords for communication equipment

Cable Characteristics

- High strength aramid yarn strength member ensures high tensile strength and long term stability in transmission
- Small outer diameter, lightweight, flame-retardant, easy to strip, low attenuation, physically soft
- Suitable for installation, operation, and convenient for maintenance

Delivery length

- 1000M"or"2000M"cv"tqnnu

Optical Characteristics

Fiber type	Attenuation				OFL bandwidth	Effective model bandwidth	10G Ethernet SX	Min bend radius
	1310/1550nm		850/1300nm					
Conditions	Typical	Maximum	Typical	Maximum	850/1300nm	850nm	850nm	/
Unit	dB/km	dB/km	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22	0.4/0.3	---	---	---	---	---	16
G657A1	0.36/0.22	0.4/0.3	---	---	---	---	---	10
G657A2	0.36/0.22	0.4/0.3	---	---	---	---	---	7.5
50/125	---	---	3.0/1.0	3.5/1.5	≥500/500			30
62.5/125	---	---	3.0/1.0	3.5/1.5	≥200/500			30
OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	30
OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	30
BI-OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	7.5
BI-OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	7.5