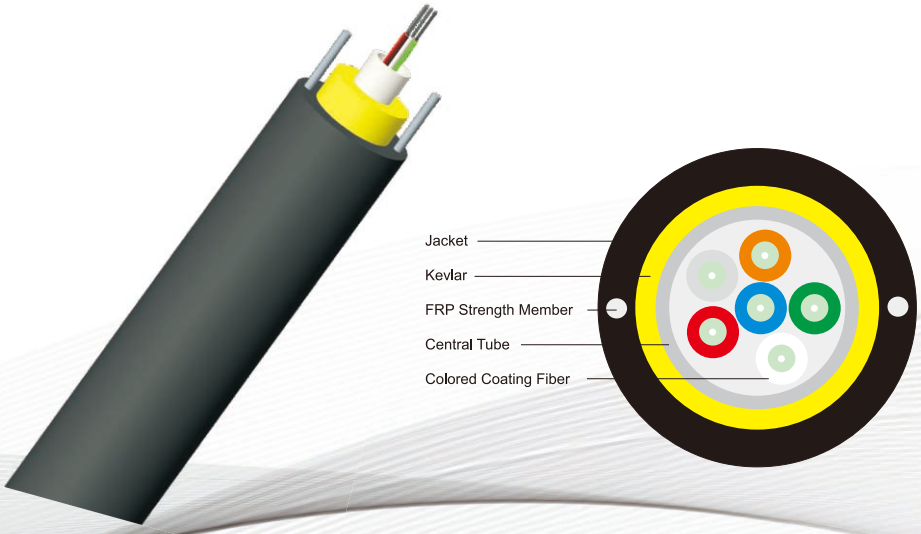
LOOSE TUBE CABLE

Loose Tube Cable II



Applications

- Mainly used in building aerial and duct access cabling

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 (MM)	Weight (kg/km)	Tensile (N) LongTerm/Short Term		Crush(N/100mm) LongTerm/Short Term		Min.Bend Radius(mm) Dynamic / Static		Specification
2	9.7	108	300	800	500	1000	20D	10D	-20~+70
4	9.9	111	300	800	500	1000	20D	10D	-20~+70
6	10.2	116	300	800	500	1000	20D	10D	-20~+70
8	11.5	134	300	800	500	1000	20D	10D	-20~+70
12	12.0	141	300	800	500	1000	20D	10D	-20~+70

Note: 1. All the values in the table, which are for reference only, are subject to change without notice;
2. The cable dimension and weight are in accordance with tight-buffered fiber withφ0.9mm outer diameter;
3. Dis outer diameter of the round cable;
4. 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