

Introduction:

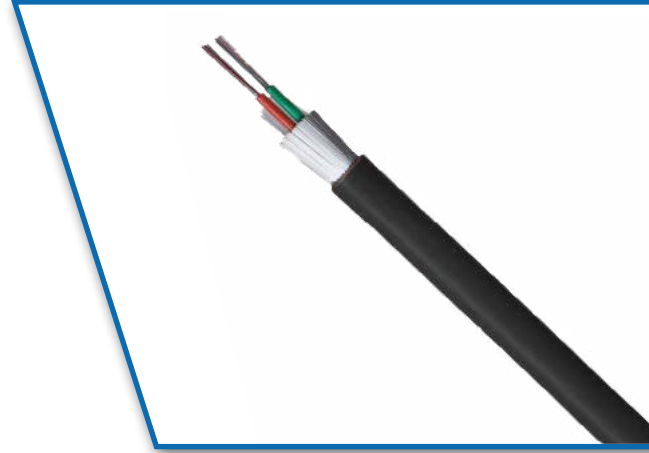
Multipurpose indoor/outdoor glass armored multi core loose tube fiber cable uses single or multi loose tubes based on the no. of fiber cores used, flame retardant LZSH sheath, dry & rodent protected.

Application:

- Multicore optical fiber jumper
- Connecting between buildings
- LAN backbone
- Suitable for vertical shafts, trunks and ducts

Product characteristics:

1. Indoor/outdoor
2. LSZH fire retardant sheath
3. Fiber cores are in loose tubes
4. Glass armoring gives the cable excellent tensile strength.
5. Waterproof, ultraviolet, flame retardant
6. Temperature range: **Storage: -25 / +70°C**
During installation: -10 / +50°C
Operation: -25 / +60°C



Product standards:

1. IEC 60794-2-20/21
2. IEC60332-1
3. IEC60332-3C
4. IEC 60754-1/-2, EN 60754-1/-2
5. IEC 60332-1-2, EN 60332-1-2
6. IEC 60332-3-24, EN 60332-3-24
7. IEC 61034-1/-2, EN 61034-1/-2

Fiber characteristics:

Fiber Type		G.652	G.655	50/125 μ m	62.5/125 μ m
Attenuation (+20°C)	@850nm			≤ 3.0 dB/km	≤ 3.5 dB/km
	@1300nm			≤ 1.0 dB/km	≤ 1.0 dB/km
	@1310nm	≤ 0.36 dB/km	≤ 0.40 dB/km		
	@1550nm	≤ 0.22 dB/km	≤ 0.23 dB/km		
Bandwidth	@850nm			≥ 500 MHz·km	≥ 200 MHz·km
	@1300nm			≥ 500 MHz·km	≥ 500 MHz·km
Numerical Aperture				0.200 ± 0.015 NA	0.275 ± 0.015 NA
Cable Cut-off Wavelength λ_{cc}		≤ 1260 nm	≤ 1480 nm		

Ordering Info:

Part No.	Fiber Type	No. of cores	No. of tubes	Cable diameter (mm)	Cable weight (KG/KM)	Bend radius (mm)	Tensile load (N)	Crush resistance - short term (N)	Crush resistance - continuous (N)	Cable color
100110	G657 A2	4	1	7.7	68	118	1500	5000	3000	Black
100111	G657 A2	6	1	7.7	68	118	1500	5000	3000	Black
100112	G657 A2	12	1	7.7	68	118	1500	5000	3000	Black
100113	G657 A2	24	1	7.7	68	118	1500	5000	3000	Black
100114	G657 A2	48	2	9.6	86	143	2800	5000	3000	Black
100115	G657 A2	72	5	12	152	177	6000	5000	3000	Black
100116	G657 A2	96	8	14.6	221	193	7800	5000	3000	Black
100117	G657 A2	144	12	18.5	304	216	9000	5000	3000	Black
100120	OM3	4	1	7.7	68	118	1500	5000	3000	Black
100121	OM3	6	1	7.7	68	118	1500	5000	3000	Black
100121-8	OM3	8	1	7.7	68	118	1500	5000	3000	Black
100122	OM3	12	1	7.7	68	118	1500	5000	3000	Black
100123	OM3	24	1	7.7	68	118	1500	5000	3000	Black
100124	OM3	48	2	9.6	86	143	2800	5000	3000	Black
100125	OM3	72	5	12	152	177	6000	5000	3000	Black
100129	OM4	4	1	7.7	68	118	1500	5000	3000	Black
100130	OM4	6	1	7.7	68	118	1500	5000	3000	Black
100130-8	OM4	8	1	7.7	68	118	1500	5000	3000	Black
100131	OM4	12	1	7.7	68	118	1500	5000	3000	Black
100132	OM4	24	1	7.7	68	118	1500	5000	3000	Black
100133	OM4	48	2	9.6	86	143	2800	5000	3000	Black
100134	OM4	72	5	12	152	177	6000	5000	3000	Black