

Introduction:

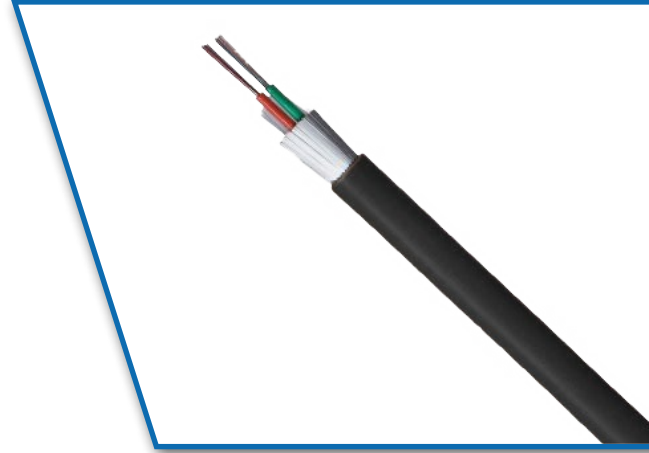
Multipurpose indoor/outdoor glass armored multi core loose tube fiber cable uses single or multi loose tubes based on the no. of fiber cores used, flame retardant LZSH sheath, dry & rodent protected.

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	50/125µm	62.5/125µm
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	≤0.23dB/km		
Bandwidth	@850nm			≥500 MHz·km	≥200 MHz·km
	@1300nm			≥500 MHz·km	≥500 MHz·km
Numerical Aperture				0.200±0.015NA	0.275±0.015NA
Cable Cut-off Wavelength λ _{cc}		≤1260nm	≤1480nm		

Ordering Info:

Part No.	Description
Loose Tube - Glass Armoured	
100110	4 core G657 A2 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 1 tube
100111	6 core G657 A2 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 1 tube
100112	12 core G657 A2 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 1 tube
100113	24 core SM G657 A2 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 4 tubes
100114	48 core G657 A2 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 4 tubes
100116	96 core G657 A2 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 8 tubes
100117	144 core G657 A2 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 12 tubes
100120	4 core OM3 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 1 tube
100121	6 core OM3 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 1 tube
100122	12 core OM3 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 1 tube
100123	24 core OM3 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 2 tubes
100124	48 core OM3 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 4 tubes
100125	72 core OM3 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 8 tubes
100129	4 core OM4 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 1 tube
100130	6 core OM4 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 1 tube
100131	12 core OM4 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 1 tube
100132	24 core OM4 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 2 tubes
100133	48 core OM4 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 4 tubes
100134	72 core OM4 indoor/outdoor glass armoured cable LSZH loose tube cable 1000m/reel, 8 tubes

Ordering Info:

Part No.	Description
Loose Tube - Steel Armoured - Gel	
100110SGPE	4 core G657 A2 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100111SGPE	6 core G657 A2 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100112SGPE	12 core G657 A2 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100113SGPE	24 core G657 A2 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100114SGPE	48 core G657 A2 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100116SGPE	96 core G657 A2 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100117SGPE	144 core G657 A2 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100120SGPE	4 core OM3 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100121SGPE	6 core OM3 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100122SGPE	12 core OM3 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100123SGPE	24 core OM3 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100124SGPE	48 core OM3 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100125SGPE	72 core OM3 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100129SGPE	4 core OM4 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100130SGPE	6 core OM4 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100131SGPE	12 core OM4 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100132SGPE	24 core OM4 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100133SGPE	48 core OM4 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black
100134SGPE	72 core OM4 Outdoor steel armoured, Gel filled, loose tube, PE Jacket cable 1000m/reel, Black

Ordering Info:

Part No.	Description
Loose Tube - Steel Armoured - Dry	
100110SDPE	4 core G657 A2 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100111SDPE	6 core G657 A2 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100112SDPE	12 core G657 A2 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100113SDPE	24 core G657 A2 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100114SDPE	48 core G657 A2 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100116SDPE	96 core G657 A2 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100117SDPE	144 core G657 A2 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100120SDPE	4 core OM3 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100121SDPE	6 core OM3 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100122SDPE	12 core OM3 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100123SDPE	24 core OM3 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100124SDPE	48 core OM3 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100125SDPE	72 core OM3 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100129SDPE	4 core OM4 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100130SDPE	6 core OM4 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100131SDPE	12 core OM4 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100132SDPE	24 core OM4 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100133SDPE	48 core OM4 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black
100134SDPE	72 core OM4 Outdoor steel armoured, Dry, loose tube, PE Jacket cable 1000m/reel, Black

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	9.4	115	25D:15D	2000	5000	3000	Black
100111	G657 A2	6	1	9.4	120	25D:15D	2000	5000	3000	Black
100112	G657 A2	12	1	9.4	125	25D:15D	2000	5000	3000	Black
100113	G657 A2	24	4	9.4	130	25D:15D	2500	5000	3000	Black
100114	G657 A2	48	4	10.2	134	25D:15D	2500	5000	3000	Black
100116	G657 A2	96	8	11.9	164	25D:15D	3000	5000	3000	Black
100117	G657 A2	144	12	14.2	226	25D:15D	3500	5000	3000	Black
100120	OM3	4	1	9.4	115	25D:15D	2000	5000	3000	Black
100121	OM3	6	1	9.4	120	25D:15D	2000	5000	3000	Black
100122	OM3	12	1	9.4	125	25D:15D	2000	5000	3000	Black
100123	OM3	24	4	9.4	130	25D:15D	2500	5000	3000	Black
100124	OM3	48	4	10.2	134	25D:15D	2500	5000	3000	Black
100125	OM3	72	8	11.9	145	25D:15D	3000	5000	3000	Black
100129	OM4	4	1	9.4	115	25D:15D	2000	5000	3000	Black
100130	OM4	6	1	9.4	120	25D:15D	2000	5000	3000	Black
100131	OM4	12	1	9.4	125	25D:15D	2000	5000	3000	Black
100132	OM4	24	4	9.4	130	25D:15D	2500	5000	3000	Black
100133	OM4	48	4	10.2	134	25D:15D	2500	5000	3000	Black
100134	OM4	72	8	11.9	145	25D:15D	3000	5000	3000	Black
100110SGPE		4	1	8.0	87	20D:10D	1000	5000	3000	Black
100111SGPE		6	1	8.0	87	20D:10D	1000	5000	3000	Black
100112SGPE		12	1	8.0	87	20D:10D	1000	5000	3000	Black
100113SGPE		24	4	9.5	135	20D:10D	2000	5000	3000	Black
100114SGPE		48	4	9.5	135	20D:10D	2000	5000	3000	Black
100116SGPE		96	8	11.0	206	20D:10D	2500	5000	3000	Black
100117SGPE		144	12	17.0	310	20D:10D	3000	5000	3000	Black
100120SGPE		4	1	8.0	87	20D:10D	1000	5000	3000	Black
100121SGPE		6	1	8.0	87	20D:10D	1000	5000	3000	Black
100122SGPE		12	1	8.0	87	20D:10D	1000	5000	3000	Black
100123SGPE		24	4	9.5	135	20D:10D	2000	5000	3000	Black
100124SGPE		48	4	9.5	135	20D:10D	2000	5000	3000	Black
100125SGPE		72	6	10.0	169	20D:10D	2300	5000	3000	Black

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
100129SGPE		4	1	8.0	87	20D:10D	1000	5000	3000	Black
100130SGPE		6	1	8.0	87	20D:10D	1000	5000	3000	Black
100131SGPE		12	1	8.0	87	20D:10D	1000	5000	3000	Black
100132SGPE		24	4	9.5	135	20D:10D	2000	5000	3000	Black
100133SGPE		48	4	9.5	135	20D:10D	2000	5000	3000	Black
100134SGPE		72	6	10.0	169	20D:10D	2300	5000	3000	Black
100110SDPE		4	1	8.5	87	20D:10D	1000	5000	3000	Black
100111SDPE		6	1	8.5	87	20D:10D	1000	5000	3000	Black
100112SDPE		12	1	9.0	87	20D:10D	1000	5000	3000	Black
100113SDPE		24	4	10.8	135	20D:10D	2000	5000	3000	Black
100114SDPE		48	4	12.0	135	20D:10D	2000	5000	3000	Black
100116SDPE		96	8	13.9	206	20D:10D	2500	5000	3000	Black
100117SDPE		144	12	17.4	310	20D:10D	3000	5000	3000	Black
100120SDPE		4	1	10.8	87	20D:10D	1000	5000	3000	Black
100121SDPE		6	1	10.8	87	20D:10D	1000	5000	3000	Black
100122SDPE		12	2	10.8	87	20D:10D	1000	5000	3000	Black
100123SDPE		24	4	10.8	135	20D:10D	2000	5000	3000	Black
100124SDPE		48	4	12.0	135	20D:10D	2000	5000	3000	Black
100125SDPE		72	6	12.0	169	20D:10D	2300	5000	3000	Black
100129SDPE		4	1	10.8	87	20D:10D	1000	5000	3000	Black
100130SDPE		6	1	10.8	87	20D:10D	1000	5000	3000	Black
100131SDPE		12	2	10.8	87	20D:10D	1000	5000	3000	Black
100132SDPE		24	4	10.8	135	20D:10D	2000	5000	3000	Black
100133SDPE		48	4	12.0	135	20D:10D	2000	5000	3000	Black
100134SDPE		72	6	12.0	169	20D:10D	2300	5000	3000	Black