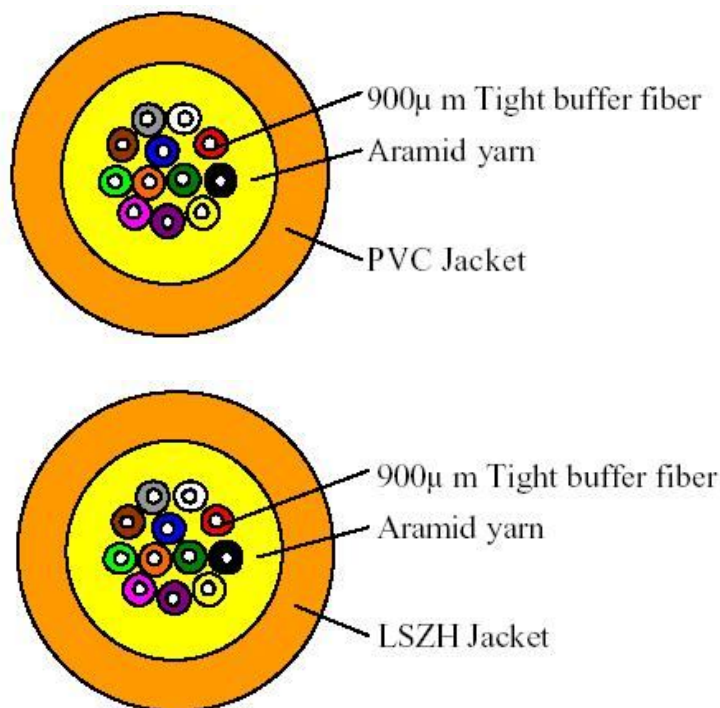


## FIBERLINK TECHNOLOGY LIMITED

### Multi Purpose Distribution Cables



#### Description:

This specification covers a series of cables with 2 to 12 fibers. The cable fulfils the fire performance test of IEC332-1 and IEC332-3C.

#### Application:

- For premises wiring
- Indoor
- Internal wiring

#### Construction Data:

<b>Tight buffer fiber diameter</b>	900+/-50um
<b>Tight buffered fiber color</b>	1. Blue 2. Orange 3. Green 4. Brown 5. Grey 6. White 7. Red 8. Black 9. Yellow 10. Violet 11. Pink 12. Aqual
<b>Core reinforce</b>	Aramid yarn
<b>Out jacket material</b>	PVC/LSZH

#### Technical Data-Physical:

<b>Fiber count</b>	2	4	6	8	10	12
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Cable diameter (mm)		3.2	4.8	5.1	5.6	5.8	6.2
Cable weight (kg/km)	PVC	16	18.6	22.6	25.2	31.8	33.4
	LSZH	11.3	21.6	25.5	31.4	35.0	40.3
Temperature rating		-20 ~+60°C					
Operation storage		-20 ~+60°C					

**Technical Data-Mechanical:**

Max. loading (IEC794-1)	660N
Installation operation	200N
Min. bend radius (IEC794-1)	
Long term (mm)	20xD
Short term (mm)	10xD
Crush resistance (IEC794-1)	1000N/100mm

**Technical Data-Transmission:**

Fiber type		Single-mode (1310/1550nm)	Multi-mode (50/125um) (850/1300nm)	Multi-mode (62.5/125um) (850/1300nm)
Attenuation	Typical	0.36/0.22	3.0/1.0	3.0/1.0
	Maximum	0.5/0.4	3.5/1.5	3.5/1.5
Zero dispersion slope		<0.093ps/km?nm <sup>2</sup>	i	i
Dispersion (1285~1340nm)		-3.5~ 3.5ps/ (nm?km)	i	i
Mode field diameter		9.3+/-0.4um	i	i
Cutoff wavelength cable		<1270nm	i	i
Bandwidth	@850nm	i	≥200MHz?km	≥160MHz?km
	@1300nm	i	≥400MHz?km	≥200MHz?km
Cladding diameter (um)		125+/-1.0	125+/-1.0	125+/-1.0