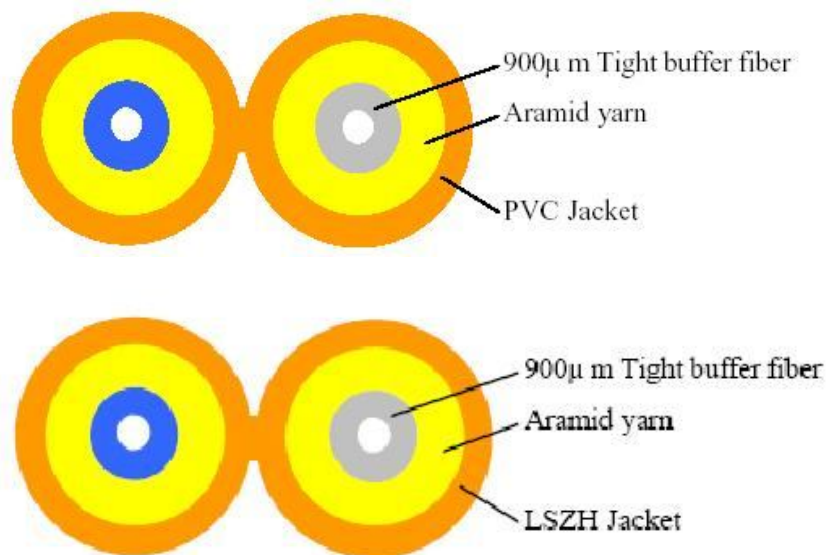


FIBERLINK TECHNOLOGY LIMITED

Zip-cord Cables



Description:

This specification covers a figure 8 construction with 2 tight buffer single fiber units. The cable fulfills the fire performance test of IEC332-1 and IEC332-3C.

Application:

- Patch cord cable
- Indoor/ point to point
- Internal wiring

Construction Data:

Tight buffer fiber diameter	600+/-50um for 1.6mm, 2.0mm cable/ 900+/-50um for 2.8mm cable
Core reinforce	Aramid yarn
Out jacket material	PVC/LSZH

Technical Data-Physical:

Cable diameter (mm)	3.4x1.6	4.2x2.0	6.0x2.8
Cable weight (kg/km)	7.3	10.5	15.6
Temperature rating	-20 ~+60°C		
Operation storage	-20 ~+60°C		

Technical Data-Mechanical:

Max. loading (IEC794-1)		200N	200N
Installation operation		100N	100N
Min. bend radius (IEC794-1)			
Long term (mm)	20xH (Cable axis)		
Short term (mm)	10xH (Cable axis)		
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 ² nm ²	i	i
Dispersion (1285~1340nm)		-3.5~ 3.5ps/ (nm ² 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