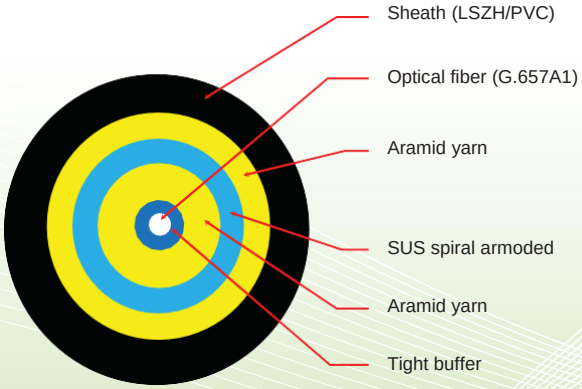
04 ARMORED DROP CABLE

Cable structure



Featurs & Application

- Armored drop cable used as the FTTH cable with tight buffer optical fiber, a layer aramid yarn is placed outside the compact fiber to enhance the element, protected by flexible stainless steel tube,...
- Small diameter, light weight, easy to connect, and support large capacity data transmission; mini armored material has the ability of anti-mouse biting, flame retardant, environmental protection.

Specifications

Tight buffer(mm)	Fiber count	Diameter (mm)	Weight (kg/km)	Bending radius (mm)	Tensile strength (N)
0.6	1	3.0	15	30	500
	2	3.5	21	35	
	4	4.0	27	40	
0.9	1	3.0	16	30	
	2	4.0	27	40	
	4	4.5	33	45	

info@tbdgroup.vn +84 232 000 333 +84 902 127 878 www.tbdgroup.vn

Identification

TIA/EIA-598-A Compliance	
Fiber acount	**Color**
1	NA (Any color)
2	Blue; Orange
4	Blue; Orange; Green; Brown

Optical Characteristics

Specìications	Unit	Fiber tyle: SM-ITU-T G.652D
***. Geometrical characterstics**		
Mode field diameter at 1310nm	µm	9.2 ± 0.4
Cladding diameter	µm	125 ± 1
Core-clad concentricity	µm	≤ 0.6
Cladding non-circularity	%	≤ 0.7
Coating diameter	µm	245 ± 10 (none color) 250 ± 10 (includding color)
***. Transmission characterstics**		
Attenuation at wavelength: 1310nm÷1625nm	dB/km	≤ 0.4
Attenuation at 1550nm	dB/km	≤ 0.22
Chromatic dispersion	ps/nm.km	≤ 3.5 at 1310nm ≤ 18 at 1550nm
PMD index	ps/km1/2	≤ 0.2
Zero dispersion wavelength	Nm	1300 ≤ λo ≤ 1324
Zero dispersion slope	ps/nm2.km	≤ 0.092
Cut-off wavelength	Nm	λcc ≤ 1260
Macrobend loss at 1625nm (radius = 30mm * 100 turns)	dB	≤ 0.1
***. Mechanical characterstics**		
Proof stress	Gpa	≥ 0.69

*. Using the optical fiber from Corning, Fujikura, Sumitomo and Furukawa.

Informations and parking

- The informations of the cable is printed per meter length complies with IEEE P1222. Other information will be printed as the request of customer.
- Standard length: 1000m to 2000m or is packed according to customer's requirements.