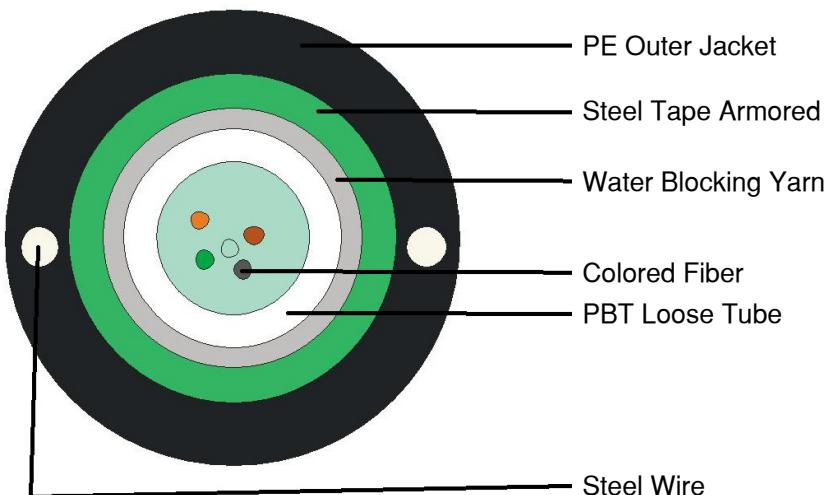


CENTRAL LOOSE TUBE OUTDOOR ARMORED CABLE PE SHEATH



Form one single mode fiber

Item	Unit	Specification	
Attenuation	dB/km	1310nm	≤ 0.4
		1550nm	≤ 0.3
Dispersion	Ps/nm.km	1285~1330nm	≤ 3.5
		1550nm	≤ 18.0
Zero dispersion wavelength	Nm	1300~1324	
Zero dispersion slope	Ps/nm.km	≤ 0.095	
Fiber cutoff wavelength	Nm	≤ 1260	
Mode field diameter	Um	9.2 ± 0.5	
Mode field concentricity	Um	≤ 0.8	
Cladding diameter	Um	125 ± 1.0	
Cladding non-circularity	%	≤ 1.0	
Coating/cladding concentricity error	Um	≤ 12.5	
Coating diameter	Um	245 ± 10	
bending, dependence	induced	1550nm, 1turns, 32mm diameter	≤ 0.5 db
attenuation		100rums, 60mm diameter	
Proof test	kpsi	≤ 100	

CENTRAL LOOSE TUBE OUTDOOR ARMORED CABLE PE SHEATH

Form two multimode fiber

Item	Unit	Specification	
Attenuation	dB/km	850 nm	≤ 3.5
		1300nm	≤ 1.5
Bandwidth	MHz.km	50/125um	62.5/125um
		850nm ≥ 200	850nm ≥ 160
		1300nm ≥ 200	1300nm ≥ 200
Cladding diameter	Um	125 ± 1.0	
Cladding non-circularity	%	≤ 1.0	
Coating/cladding concentricity error	Um	≤ 12.5	
Coating diameter	Um	245 ± 10	
bending, dependence	induced	850nm, 1300nm	100turns, 75mm ≤ 0.5 at 850nm/1300nm
attenuation	diameter		
Proof test	kpsi	≥ 100	

Each requirement

- 1 - Number of fiber : 2----12
- 2 - Characteristic of fiber : Color: 12 different colors
 (4C blue/orange/green/natural; 6C blue/orange/green/brown/grey/natural ; 8C: blue/orange/green/brown/grey/natural/red/black;12C: blue/orange/green/brown/grey/natural/red/black/yellow/purple/pink/aqua)
- 3 - The outer diameter of PBT loose tube;
 $\Phi 2.10 \pm 0.1$ mm
- 4 - Steel tape
- 5 - Steel Wire
- 6 - Outer jacket
 Material: PE
 OD: 6.0 ± 0.3 mm

Application

Model	Fiber account	OD(mm)	Tube account	Nominal Weight (kg/km)	Max.Tension(N)		Max. Crushing Resistance (N/100)	
					Short-term	Long-term	Short-term	Long-term
FC-XXX-XX-CLTO-3	2--24	8.0 ± 0.3	1	62	1500	500	3000	1000