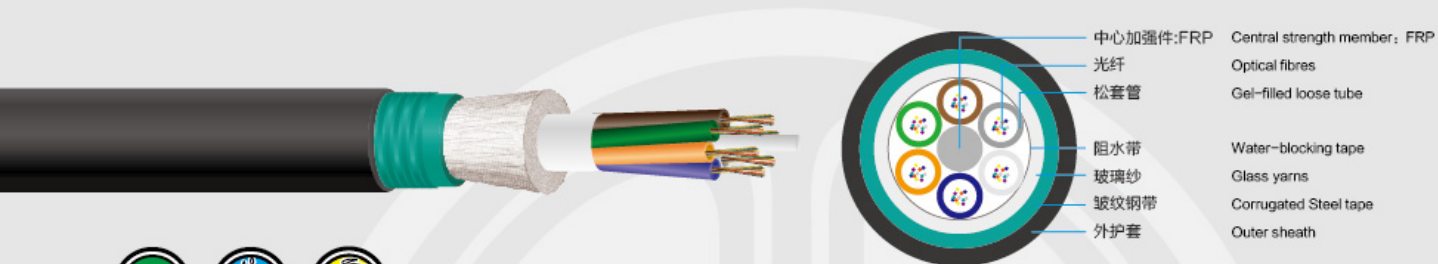


### 松套管层绞式钢带铠装光缆 (LTC CS) Loose Tube Corrugated Steel Armored Cable

LTC CS光缆的结构是将光纤套入PBT松套管中，松套管内填充防水化合物。缆芯的中心是一根非金属加强芯，对于某些芯数的光缆来说，非金属加强芯外还需挤上一层涂层。松套管（和填充条）围绕中心加强芯绞合成紧凑和圆形缆芯，缆芯内的缝隙用以吸水膨胀性非油性阻水填充物。缆芯外纵包一层包带，包带外放置玻璃纱后纵包双面覆膜钢带，钢带外挤制聚乙烯护套成缆。

The fibres are positioned in a loose tube made of PBT. The tube is filled with a water-resistant filling compound. A fibre reinforce plastic locates in the center of core as a non-metallic strength member. The tubes (and the fillers) are stranded around the strength member into a compact and circular core. And the core wrapped with the swelling tape longitudinally. Then the core is covered with a layer of aramid yarn as strength member and wrapped with a layer of corrugated Steel tape longitudinally. The cable is completed with a PE outer sheath.



● 敷设方式 Installation  
管道、非自承架空、直埋 Duct, Non self-supporting aerial, Direct buried

- 产品特点 Characteristics
1. 非金属加强件和层绞结构设计保证光缆具有很好的机械性能和温度特性 Excellent mechanical and temperature performance
  2. 套管内部填充缓冲油膏，既保护光纤又起到防水作用 Special tube filling compound ensure a critical protection of fibre and resist the water
  3. 采用松套管层绞，保证光缆结构稳定 Loose tube stranding cable core ensures the cable structure stable
  4. 缆芯外包阻水带可有效防水 Wrapped with the swelling tape longitudinally to enhance the water blocking performance
  5. 绕包玻璃纱可有效防鼠和抗拉 Glass yarn strength member enlarge the tensile strength and make the cable rodent protected
  6. 皱纹钢带铠装可有效防水和抗侧压 Corrugated steel tape can prevent moisture, rodent and better crush resistance
  7. 外护套具有很好的抗紫外辐射性能 Outer sheath protects cable from ultraviolet radiation
  8. 可选择阻燃外护套，具有良好的阻燃性能 Optional flame retardance outer sheath

● 应用范围 Applications  
通讯行业长途、局间通信和FTTx LAN communication and FTTx

● 产品标准 Standards  
IEC 60794-3-10

温度范围 Temperature Range		
存储温度 Transportation	安装温度 Installation	运行温度 In use
-40℃~+70℃	-5℃~+50℃	-40℃~+70℃

### LTC CS

光纤数量 Fibre count	缆芯结构 Configuration 管数x芯数 tubesxfibres	外径 Outer diameter mm	重量 Mass kg/km	最小弯曲半径 Minimum bend radius		允许拉伸力 Tensile strength N	允许压扁力 Crush resistance N/10cm
				动态 Dynamic mm	静态 Static mm		
4	2x2	15.9	220	20D	10 D	4800	2200
6	3x2	15.9	220	20D	10 D	4800	2200
8	4x2 / 2x4	15.9	220	20D	10 D	4800	2200
12	6x2 / 3x4 / 2x6	15.9	220	20D	10 D	4800	2200
16	4x4	15.9	220	20D	10 D	4800	2200
16	2x8	16.8	240	20D	10 D	5300	2200
24	6x4 / 4x6	15.9	220	20D	10 D	4800	2200
24	3x8 / 2x12	16.8	240	20D	10 D	5200	2200
36	6x6	15.9	220	20D	10 D	4900	2200
36	3x12	16.8	240	20D	10 D	5200	2200
48	8x6	17.2	255	20D	10 D	5200	2200
48	6x8 / 4x12	16.8	240	20D	10 D	5300	2200
60	5x12	16.8	240	20D	10 D	5300	2200
64	8x8	18.4	290	20D	10 D	5800	2200
72	9x8	19.1	305	20D	10 D	6000	2200
72	6x12	16.8	240	20D	10 D	5400	2200
84	7x12	17.5	265	20D	10 D	5600	2200
96	12x8	21.6	380	20D	10 D	6500	2200
96	8x12	18.4	290	20D	10 D	5800	2200
108	9x12	19.1	305	20D	10 D	6000	2200
120	10x12	19.9	335	20D	10 D	6800	2200
132	11x12	20.8	365	20D	10 D	7000	2200
144	12x12	21.6	385	20D	10 D	7200	2200

注：以上参数仅供参考  
Remark: The above datasheets are just for reference.