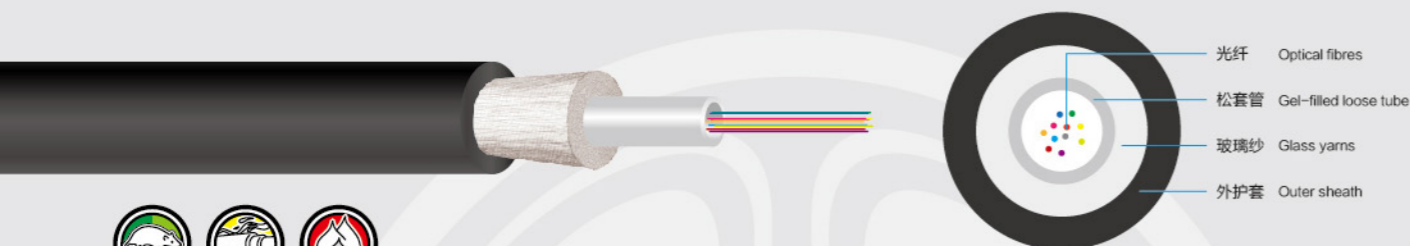


### 中心束管式非金属（阻燃）光缆（CTC / CTC LSZH） Central Tube Non-metallic (Flame-retardant) Cable

CTC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，松套管外绕包玻璃纱，玻璃纱外挤制一层聚乙烯（阻燃）外护套。  
The fibres are positioned in a loose tube made of PBT. The tube is filled with a water-resistant filling compound and covered with a layer of glass yarn as strength member. The cable is completed with a PE(LSZH) outer sheath.



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

- 产品特点 Characteristics
  - 1.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.光纤余长控制精确，性能确保稳定 Accurate excess fiber length control to get stable cable performance
  - 3.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
  - 4.绕包玻璃纱承力单元、阻水、防鼠 Glass yarn strength member ensure tensile strength Anti-water and rodent protected
  - 5.外护套具有很好的抗紫外辐射性能 Outer sheath protects cable from ultraviolet radiation

- 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
-30℃~+70℃	-5℃~+50℃	-30℃~+70℃

#### CTC

力值要求 Tensile request	光纤数量 Fibre count	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		允许压扁力 Crush resistance N/10cm
				动态 Dynamic mm	静态 Static mm	短期 short term N	长期 long term N	
1200N	4	6.8	45	20D	15D	1200	800	1500
	6	6.8	45	20D	15D	1200	800	1500
	8	6.8	45	20D	15D	1200	800	1500
	12	6.8	45	20D	15D	1200	800	1500
	16	7.4	50	20D	15D	1200	800	1500
2500N	4	7.7	60	20D	15D	2500	1600	1500
	6	7.7	60	20D	15D	2500	1600	1500
	8	7.7	60	20D	15D	2500	1600	1500
	12	7.7	60	20D	15D	2500	1600	1500
	16	8.3	68	20D	15D	2500	1600	1500
24	8.3	70	20D	15D	2500	1600	1500	

#### CTC LSZH

力值要求 Tensile request	光纤数量 Fibre count	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		允许压扁力 Crush resistance N/10cm
				动态 Dynamic mm	静态 Static mm	短期 short term N	长期 long term N	
1200N	4	7.0	59	20D	15D	1200	800	1500
	6	7.0	59	20D	15D	1200	800	1500
	8	7.0	59	20D	15D	1200	800	1500
	12	7.0	59	20D	15D	1200	800	1500
	16	7.6	65	20D	15D	1200	800	1500
2500N	4	7.9	81	20D	15D	2500	1600	1500
	6	7.9	81	20D	15D	2500	1600	1500
	8	7.9	81	20D	15D	2500	1600	1500
	12	7.9	81	20D	15D	2500	1600	1500
	16	8.5	87	20D	15D	2500	1600	1500
24	8.5	87	20D	15D	2500	1600	1500	

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