

Pre-Terminated Round Drop Cable

预端接圆形引入缆

Description 产品描述

Pre-terminated cable offers a robust and sealed connection solution for fiber to the home (FTTH), through a fast and precise connection system, reducing installation time, technical errors, and maintenance. In addition, it guarantees high reliability and durability of the network.

预端接电缆通过快速、精确的连接系统为光纤到户 (FTTH) 提供稳固且密封的连接解决方案,减少安装时间、技术错误和维护。此外,它保证了网络的高可靠性和持久性。

This product is a G657 optical single mode with a reinforced SC/APC connector at one end, and the other end is open, the connector ferrule is zirconium. Cable Construction: G657A1/G657A2 5mm outer cable.

本产品为G657单模光纤,一端为加强型SC/APC连接器,另一端为开口,连接器插芯为锆。电缆结构:G657A1/G657A2 5mm

A side connector: Reinforced SC/APC connector per IEC 61754-4

B side connector: open

Cable: 5mm, HDPE, black/gray

A 侧连接器:增强型 SC/APC 连接器,符合 IEC 61754-4

B 侧连接器:打开

缆:5mm, HDPE, 黑色/灰色

Structure Drawing 结构图

Type A

A款

01 900µm buffer 900µm紧套光纤

02 PBT tube PBT管

03 Water-blocking fiberglass and aramid yarn fiber buffers 阻水玻璃纤维和芳纶纱纤维

04 Ripcord 撕裂绳

05 LSZH Jacket 低烟无卤护套

Type B

B款

01 900µm buffer 900µm紧套光纤

02 Inner Sheath 内护套

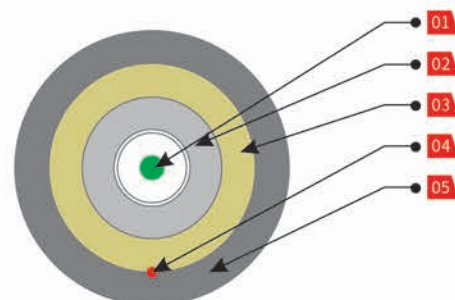
03 Water-blocking fiberglass and aramid yarn fiber buffers 阻水玻璃纤维和芳纶纱纤维

04 Strength member 加强件

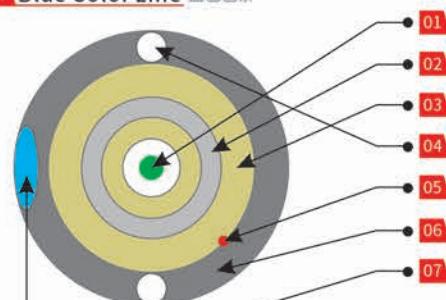
05 Ripcord 撕裂绳

06 Outer Sheath 外护套

07 Blue Color Line 蓝色色条



Type A A款



Type B B款

Connector Details
连接器细节

Colour: Black
颜色:黑色

Connector: SC/APC
连接器:SC/APC

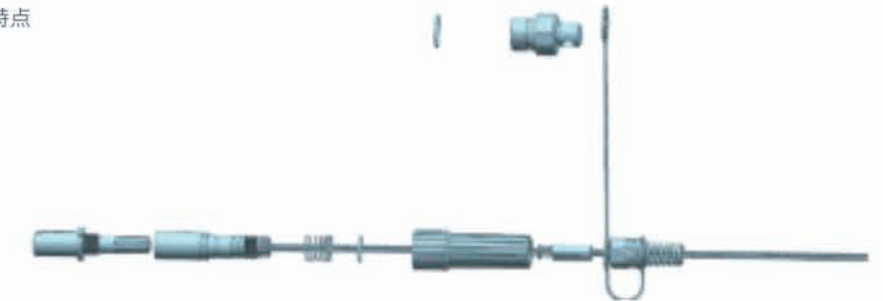
Model: Type E
型号:E型

Material: PC+ABS
材质:PC+ABS

Applicable cable: 5mm drop cable
适用缆:5mm引入缆

Characteristics 产品特点

- Modular design, easy to expand
模块化设计,易于扩展
- It can work and be installed outside
它可以工作并安装在外面
- Protection degree: IP68
防护等级:IP68
- RL: ≥55dB
回损:≥55 dB



Specifications 参数

Optical Specifications 光学参数

Parameter 范围	Value 数值
Connector Type 连接器类型	E Type E型
Connector Insertion Loss (dB) 连接器插入损耗 (dB)	IL: ≤0.3dB Max(最大): 0.3dB + 0.4dB/km * L(km) @ 1310nm Max(最大): 0.3dB + 0.35dB/km * L(km) @ 1550nm according to IEC 61300-3-4 Method B 根据标准 IEC 61300-3-4 方法B
Connector Return Loss (dB) 连接器回波损耗 (dB)	RL(回差): ≥55dB Min(最小): 60dB @ 1310&1550nm According to IEC 61300-3-6 根据 IEC 61300-3-6
Cable length (m) 缆长 (米)	50, 100, 150, 200, 250, etc 50、100、150、200、250等
Degree of Protection 防护等级	IP 68

Cable Assembly 光缆组件

Insertion Loss: Max. 0.3dB + 0.35dB/km * L(km) @ 1310nm 插入损耗:最大 0.3dB + 0.35dB/km * L(km) @ 1310nm

Max. 0.3dB + 0.21dB/km * L(km) @ 1550nm 最大 0.3dB + 0.21dB/km * L(km) @ 1550nm

According to IEC 61300-3-4 Method B 根据 IEC 61300-3-4 方法B

Return Loss: Min. 60 dB @ 1310&1550nm 回波损耗:最小 60 dB @ 1310&1550nm

According to IEC 61300-3-6 根据 IEC 61300-3-6

Mechanical Specifications 机械参数

Item 项目	Testing method 测试方法	Requirement 要求
Tensile Strength 拉伸	IEC 60794-1-E1(1000N/1h) IEC 60794-1-E1(1000N/1小时)	Fiber Elongation ≤0.40% Residual Elongation ≤0.05% Attenuation Change ≤0.1 dB @1550nm 纤维伸长率≤0.40% 残余伸长率≤0.05% 衰减变化≤0.1 dB @1550nm
Flattening 压扁	IEC 60794-1-E3(1000 N/100mm in 15 minutes) IEC 60794-1-E3(15分钟内 1000N/100mm)	Attenuation Change ≤0.1 dB @1550nm 衰减变化 ≤0.1 dB @1550nm
Impact 冲击	IEC 60794-1-2-E4(5N.m impact and D=300mm) IEC 60794-1-2-E4(5N.m 冲击 D=300mm)	Attenuation Change ≤0.1 dB @1550nm 衰减变化 ≤0.1 dB @1550nm
Torsion 扭转	IEC 60794-1-2-E7(25N load and 10 cycles) IEC 60794-1-2-E7(25N 负载和 10个循环)	Attenuation Change ≤0.1 dB @1550nm 衰减变化 ≤0.1 dB @1550nm
Curvature 反复弯曲	IEC 60794-1-2-E6(D=100mm and 55N load, 25 cycles) IEC 60794-1-2-E6(D=100mm 和 55N 负载, 25个循环)	Attenuation Change ≤0.1 dB @1550nm 衰减变化 ≤0.1 dB @1550nm
Temperature Range 温度范围	IEC 60794-1-2-F1(-15°C ~ +65°C) IEC 60794-1-2-F1(-15°C ~ +65°C)	Attenuation Change ≤0.2 dB @1550nm 衰减变化 ≤0.2dB @1550nm
Water Penetration 渗水	IEC 60794-1-2-F5A(3m in length, 1m in height, 24 hrs) IEC 60794-1-2-F5A(3m 长, 1m高, 24小时)	End water leak (末端漏水)
Sheath Shrinkage 护套回缩	EIA-RS-455-86 (85°C, 4HRS) EIA-RS-455-86 (85°C, 4小时)	≤5.0%
RoHs (2011/65/EU) RoHs (2011/65/欧盟)	Complies 符合	