

接入光缆(ABC-II) Access Building Cable

产品描述 Description

ABC-II接入光缆的结构是将Φ250μm光纤套入高模量材料制成的松套管中,松套管内填充防水化合物。松套管外包覆一层芳纶加强元件,最外挤制一层低烟无卤材料(LSZH,低烟、无卤、阻燃)护套而成。

The fibers, Φ250μm, are positioned in a loose tube made of high modulus plastic. The tubes are filled with a water-resistant filling compound. The tube is covered with a layer of aramid yarn as strength member. The cable is completed with a LSZH (LSZH, Low smoke, Zero halogen, Flame-retardant) material Jacket.

产品特点 Characteristics

- 具有良好的机械性能和温度特性
Good mechanical and temperature performance
- 芳纶加强元件保证光缆的抗拉强度
Aramid yarn strength member ensure tensile strength
- 松套管材料本身具有良好的耐水解性能和较高的强度
High strength loose tube that is hydrolysis resistant
- 直径小、重量轻、容易敷设
Small diameter, light weight and friendly installation
- 良好的抗压性和柔软性
Crush resistance and flexibility
- 较长的交货长度
Long delivery length

产品标准 Standards

满足YD/T 1258.4-2005; IEC 60332-1和IEC 60332-3C等标准。
Comply with Standard YD/T 1258.4-2005, IEC 60332-1 and IEC 60332-3C.

结构参数 Technical Parameters

光缆型号 Cable Code	光纤数 Fiber Count	光缆直径 Cable Diameter mm	中心束管直径 Unitube Diameter mm	光缆重量 Cable Weight kg/km	允许拉伸力 Tensile Strength 长期/短期 Long/Short term N	允许压扁力 Crush Resistance 长期/短期 Long/Short term N/100mm	弯曲半径 Bending Radius 动态/静态 Dynamic/Static mm
ABC-II-ZK-02~12Xn	2~12	7.6±0.5	3.0	53	600/1000	300/1000	200/100
ABC-II-ZK-14~24Xn	14~24	7.8±0.5	4.0	64	600/1000	300/1000	200/100

注: 弯曲半径中D表示光缆直径; Note: The symbol D in bending radius column represents cable diameter.

光学特性 Optical Characteristics

		50 / 125 μm	62.5 / 125 μm	G.652	G.655
衰减 Attenuation (+20°C)	@ 850 nm	≤ 3.5 dB / km	≤ 3.5 dB / km		
	@1300 nm	≤ 1.5 dB / km	≤ 1.5 dB / km		
	@1310 nm			≤ 0.45 dB / km	≤ 0.50 dB / km
	@1550 nm			≤ 0.30 dB / km	≤ 0.50 dB / km
带宽 (A级) Bandwidth (Class A)	@ 850 nm	≥ 600 MHz·km	≥ 200 MHz·km		
	@1300 nm	≥ 1200 MHz·km	≥ 600 MHz·km		
数值孔径 Numerical Aperture		0.200 ± 0.015 NA	0.275 ± 0.01NA		
光缆截止波长 Cable Cut-off Wavelength λ _{cc}				≤ 1260 nm	≤ 1450 nm
温度附加衰减 Δα (-20°C~+60°C) Attenuation at temperature cycling Δα (-20°C~+60°C)	@1300 nm	≤ 0.50 dB / km	≤ 0.50 dB / km		
	@1550 nm			≤ 0.20 dB / km	≤ 0.20 dB / km

运输/储存/使用温度: -20°C~+60°C, 安装温度: -5°C~+50°C
Transport/Storage/Operating Temperature: -20°C~+60°C, Installation Temperature: -5°C~+50°C

注: 可根据客户需求提供其它芯数光缆。另外ABC-II型光缆结构与ABC-I光缆结构区别仅是芳纶纱代替玻璃纱。
Note: Other fiber-count cables available on request. In addition, the difference between ABC-II and ABC-I is that ABC-I uses glass yarn but ABC-II use aramid yarn.

订货信息 Order Information

ABC-II-Z□-□□
1 2 3

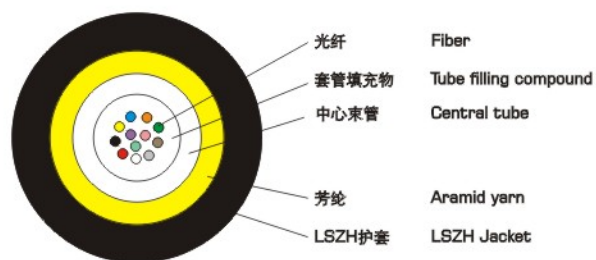
1 护套颜色 Sheath Colour
K-黑色 Black

2 芯数 Fiber Counts
02~24

3 光纤类型 Fiber Type
B1-G.652
B1.3-G.652.D
B4-G.655
E1-EasyBand®G.657
E1.1-EasyBand®Plus G.657
A1-50/125 μm
A1b-62.5/125 μm
A1H-HiBand®50/125
A1bH-HiBand®62.5/125
M1-MaxBand®150
M3-MaxBand®300
M5-MaxBand®550

交货长度 Delivery Length

推荐长度: 2000m; 可按客户要求提供其它长度。
Standard Reel Length: 2000m; Other lengths available on request.



光缆结构图
Cable Structure

免费400咨询电话: 400-880-1981

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