

双芯8字型光缆 (ZCC) Zipcord Interconnect Cable

产品描述 Description

ZCC双芯8字型光缆使用Φ900μm或Φ600μm阻燃紧套光纤作为光传输介质,外覆一层芳纶作为受力加强单元,最外挤制一层8字形聚氯乙烯(PVC)或低烟无卤材料(LSZH,低烟、无卤、阻燃)护套而成。

ZCC zipcord interconnect cable use Φ900μm or Φ600μm flame-retardant tight buffer fibre as optical communication medium, the tight buffer fibre wrapped with a layer of aramid yarn as strength member units, and the cable is completed with a figure 8 PVC or LSZH (Low smoke, Zero halogen, Flame-retardant) jacket.

产品特点 Characteristics

- 采用紧套光纤,便于剥离使用
Tight buffer fibre ease of stripping
- 紧套光纤有良好的阻燃性能
Tight buffer fibre have excellent flame-retardant performance
- 芳纶加强元件,使光缆有优异的抗拉性能
Aramid yarn as strength member make cable have excellent tensile strength
- 8字形结构护套易于剥开分支使用
Figure 8 structure jacket facilitate embranchment
- 外护材料耐腐蚀,防水,防紫外,阻燃,环保等优点
The jacket anti-corrosion, anti-water, anti-ultraviolet radiation, flame-retardant and harmless to environment etc.
- 全介质结构,不受电磁干扰
All dielectric structure protect it from electromagnetic influence
- 加工工艺严谨,设计科学合理
Scientific design with serious processing art

产品应用 Applications

- 双工光纤活动连接跳线或尾纤
Duplex Optical fibre jumper or pigtail
- 室内竖井级和强制通风级布线
Indoor riser level and plenum level cable distribution
- 仪器、通信设备互联
Interconnect between instruments, communication equipments

产品标准 Standards

满足YD/T 1258.3-2003; PVC护套光缆符合UL认证OFNR、OFNP要求。

Comply with Standard YD/T 1258.3-2003; and PVC jacket cable meet the requirements of UL OFNR and OFNP.

结构参数 Technical Parameters

光缆型号 Cable Code	光缆尺寸 Cable Size mm	光缆重量 Cable Weight kg/km		紧套光纤 直径 TBF Diameter μm	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
		PVC护套 PVC Jacket	LSZH护套 LSZH Jacket				
ZCC-I	(3.4±0.4)×(1.6±0.2)	4.8	5.3	600 ± 50			50/30
ZCC-II	(4.2±0.4)×(2.0±0.2)	8.0	8.7	900 ± 50	100/200	100/500	50/30
ZCC-III	(6.0±0.4)×(2.8±0.2)	11.6	14.8	900 ± 50	100/200	200/1000	50/30

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 ± 0.015 NA		
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	≤ 0.25 dB/km	≤ 0.25 dB/km		
	@ 1550 nm			≤ 0.10 dB/km	≤ 0.15 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

订货信息 Order Information

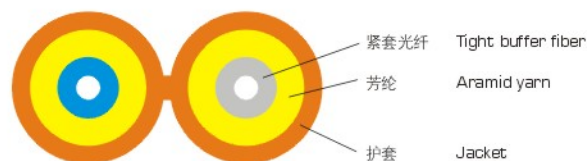
ZCC-□-□-□-□
1 2 3 4

1 光缆直径 Cable Diameter
I -φ1.6mm
II -φ2.0mm
III -φ2.8mm

2 护套颜色 Jacket Colour
O-橙色 Orange
Y-黄色 Yellow

3 护套材料 Jacket Material
V-PVC护套 PVC Jacket
Z-LSZH护套 LSZH Jacket

4 光纤类型 Fiber Type
B1-G.652
B1.8-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



光缆结构图
Cable Structure

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.