

防水尾缆 (GJA) Waterproof Pig-tail Cable

产品描述 Description

GJA防水尾缆使用单芯光缆(Φ900 μm紧套光纤、芳纶加强元件)作为子单元,非金属中心加强芯,光缆子单元层绞于中心加强芯形成缆芯,外包铝带防潮层,最外挤制一层聚乙烯(PE)护套而成。

GJA waterproof pigtail cable use simplex cable(Φ900 μm tight buffer fibre, aramid yarn as strength member) as subunit. A fibre reinforced plastic (FRP) locates in the center of core as a non-metallic strength member. The subunits are stranded around the cable core. An aluminum polyethylene laminate is applied around the cable core. The cable is completed with a PE jacket.

产品特点 Characteristics

- 层绞式光缆结构,非金属中心加强芯使光缆可以承受更大的拉力
Stranded non-metallic strength member structure ensure the cable endure larger tensile strength
- 外护材料耐腐蚀,防水,防紫外等优点
The jacket anti-corrosion, anti-water and anti-ultraviolet radiation etc.
- 铝带具有良好的防潮性能
APL moisture barrier
- 加工工艺严谨,设计科学合理
Scientific design with serious processing art

产品应用 Applications

- 室内综合布线
Indoor any purpose cable distribution
- 室外到室内光缆配线设备的连接
Interconnect from outdoor to indoor for optical cable distribution equipment

产品标准 Standards

满足YD/T 1258.4-2005标准。
 Comply with Standard YD/T 1258.4-2005.

结构参数 Technical Parameters

光缆型号 Cable Code	光缆直径 Cable 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
GJA-II-YX _c -02X _n	8.9±0.5	58.1	200/660	300/1000	200/100
GJA-II-YX _c -04X _n	8.9±0.5	58.3	200/660	300/1000	200/100
GJA-II-YX _c -06X _n	9.8±0.5	73	200/660	300/1000	200/100
GJA-II-YX _c -08X _n	10.6±0.5	95.7	200/660	300/1000	200/100
GJA-II-YX _c -12X _n	13.4±0.5	155.2	200/660	300/1000	200/100

注: 光缆型号中X_c表示光缆护套颜色,可选,见订货信息栏; X_n表示光纤类型。在弯曲半径栏, D表示光缆直径。
 使用的紧套光纤直径为900 ± 50 μm, 子单元直径为2.0mm。

Note: X_c in cable code represent cable sheath color, have different choice, see order information column; X_n represent fiber type. In bending radius column, D represent cable diameter.
 Using TBF and its diameter is: 900 ± 50 μm, subunit diameter is 2.0mm.

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

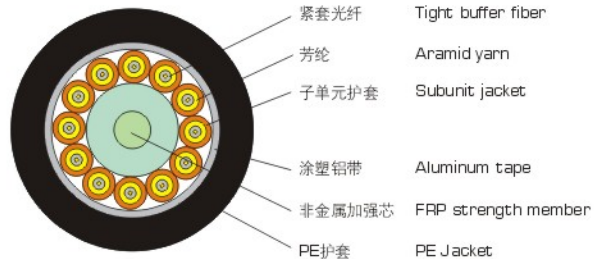
GJA-II-Y□-□□

1 2 3

1 护套颜色 Sheath Colour
 O-橙色 Orange
 Y-黄色 Yellow
 K-黑色 Black

2 芯数 Fiber Counts
 02~12

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



注: 子单元护套上打印连续数字, 区分子单元。
 Note: The units have sequential numbering printed on the surface for identification.

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.

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