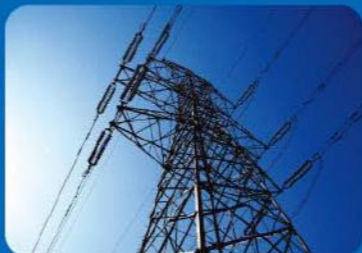


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C A B L E



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松套管绞式加强铠装光缆(GYTA53) Stranded Loose Tube Armored Cable

产品描述 Description

GYTA53光缆的结构是将250 μm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。缆芯的中心是一根金属加强芯，对于某些芯数的光缆来说，金属加强芯外还需挤上一层聚乙烯(PE)。松套管(和填充物)围绕中心加强芯绞合成紧凑和圆形的缆芯，缆芯内的缝隙以阻水填充物。涂塑铝带(APL)纵包后挤制一层聚乙烯内护套，双面涂塑钢带(PSP)纵包后挤制聚乙烯护套成缆，适用：管道、架空、直埋。

The fibers, 250 μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire, sometimes sheathed with polyethylene(PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. An Aluminum Polyethylene Laminate (APL) is applied around the cable core, which is filled with the filling compound to protect it from water ingress. Then the cable core is covered with a thin PE inner sheath. After the PSP is longitudinally applied over the inner sheath, the cable is completed with a PE outer sheath. Application: Duct/aerial/Direct buried.

产品特点 Characteristics

具有很好的机械性能和温度特性

Good mechanical and temperature performance

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

管内充以特种油膏，对光纤进行了关键性的保护

Special tube filling compound ensure a critical protection of fiber

良好的抗压性和柔软性

Crush resistance and flexibility

采用下列措施来确保光缆的防水性能：

The following measures are taken to ensure the cable

watertight:

单根钢丝中心加强芯

Steel wire used as the central strength member

松套管内填充特种防水化合物

Loose tube filling compound

完全缆芯填充

100% cable core filling

涂塑铝带 (APL) 防潮层

APL moisture barrier

双面涂塑钢带 (PSP) 提高光缆的抗透潮能力

PSP enhancing moisture-proof

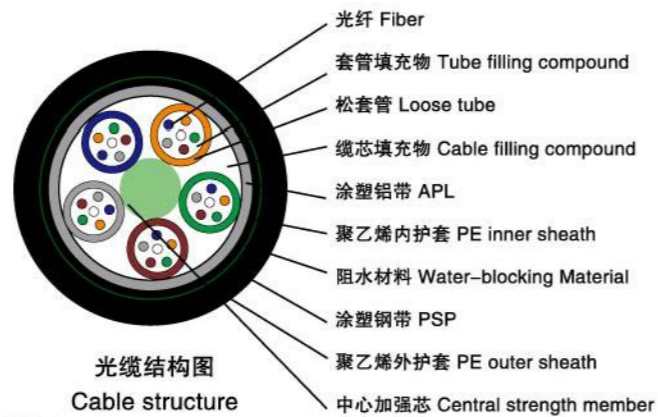
良好的阻水材料防止光缆纵向渗水

Water-blocking material

产品标准 Standards

满足YD/T 901-2009和IEC 60794-1标准。

Comply with standard YD/T 901-2009 as well as IEC 60794-1.



结构参数 Technical parameters

光缆型号 Cable Type (以2纤递增)	光纤数 Fiber Count	套管数 Tubes	填充绳数 Fillers	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 静态/动态 Static/Dynamic mm
GYTA53-2-6	2-6	1	5	13.7	190	1000/3000	1000/3000	10D/20D
GYTA53-8-12	8-12	2	4	13.7	190	1000/3000	1000/3000	10D/20D
GYTA53-12-14	12-14	3	3	13.7	190	1000/3000	1000/3000	10D/20D
GYTA53-20-24	20-24	4	2	13.7	190	1000/3000	1000/3000	10D/20D
GYTA53-26-30	26-30	5	1	13.7	190	1000/3000	1000/3000	10D/20D
GYTA53-32-36	32-36	6	0	13.7	190	1000/3000	1000/3000	10D/20D
GYTA53-38-48	38-48	4	1	13.7	229	1000/3000	1000/3000	10D/20D
GYTA53-50-60	50-60	5	0	15.3	229	1000/3000	1000/3000	10D/20D
GYTA53-62-72	62-72	6	0	15.3	244	1000/3000	1000/3000	10D/20D
GYTA53-74-84	74-84	7	1	18.0	288	1000/3000	1000/3000	10D/20D
GYTA53-86-96	86-96	8	0	18.0	288	1000/3000	1000/3000	10D/20D
GYTA53-98-108	98-108	9	1	19.2	325	1000/3000	1000/3000	10D/20D
GYTA53-110-120	110-120	10	0	19.2	325	1000/3000	1000/3000	10D/20D
GYTA53-122-124	122-124	11	1	20.9	373	1000/3000	1000/3000	10D/20D
GYTA53-134-144	134-144	12	0	20.9	373	1000/3000	1000/3000	10D/20D
GYTA53-146-216	146-216	18	0	20.9	373	1000/3000	1000/3000	10D/20D

储存、使用温度：-40°C至+70°C

Storage/Operating Temperature: -40°C to +70°C

松套管绞式非金属加强芯普通铠装半缆(GYFTY53) Stranded Loose Tube Non-metallic Strength Member Armored Cable

产品描述 Description

GYFTY53光缆的结构是将250 μm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。缆芯的中心是一根非金属加强芯，对于某些芯数的光缆来说，金属加强芯外还需挤上一层聚乙烯(PE)。松套管(和填充物)围绕中心加强芯绞合成紧凑和圆形的缆芯，缆芯内的缝隙以阻水填充物。缆芯外挤上一层聚乙烯内护套，双面涂塑钢带(PSP)纵包后挤制聚乙烯护套成缆，适用：管道、架空、直埋。

The fibers, 250 μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A Fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular cable core. Then the cable core is covered with thin Polyethylene(PE) inner sheath, which is filled with jelly to protect it from water ingress. A layer of water-blocking material is applied around the cable core to prevent it from water ingress all the same. After a corrugated steel tape armor is applied, the cable is completed with a PE outer sheath. Application: Duct/Aerial/Direct buried.

产品特点 Characteristics

具有很好的机械性能和温度特性

Good mechanical and temperature performance

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

管内充以特种油膏，对光纤进行了关键性的保护

Special tube filling compound ensure a critical protection of fiber

良好的抗压性和柔软性

Crush resistance and flexibility

采用下列措施来确保光缆的防水性能：

The following measures are taken to ensure the cable

watertight:

单根金属中心加强芯

Single Fiber Reinforced Plastic as the central strength member

松套管内填充特种防水化合物

Loose tube filling compound

完全缆芯填充

100% cable core filling

双面涂塑钢带 (PSP) 提高光缆的抗透潮能力

PSP enhancing moisture-proof

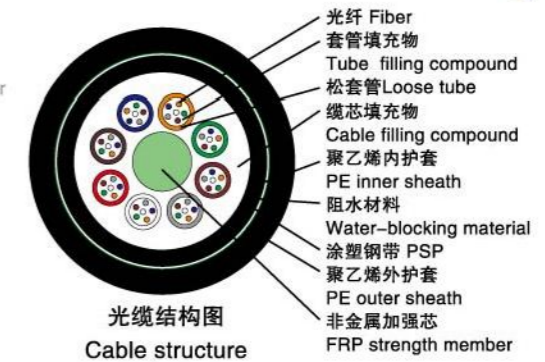
良好的阻水材料防止光缆纵向渗水

Water-blocking material

产品标准 Standards

满足YD/T 901-2009和IEC 60794-1标准。

Complies with Standard YD/T 901-2009 as well as IEC 60794-1.



结构参数 Technical parameters

光缆型号 Cable Type (以2纤递增)	光纤数 Fiber Count	套管数 Tubes	填充绳数 Fillers	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 静态/动态 Static/Dynamic mm
GYFTY53-2-6	2-6	1	7	15.8	226	1000/3000	1000/3000	10D/20D
GYFTY53-8-12	8-12	2	6	15.8	226	1000/3000	1000/3000	10D/20D
GYFTY53-14-18	14-18	3	5	15.8	226	1000/3000	1000/3000	10D/20D
GYFTY53-20-24	20-24	4	4	15.8	226	1000/3000	1000/3000	10D/20D
GYFTY53-26-30	26-30	5	3	15.8	226	1000/3000	1000/3000	10D/20D
GYFTY53-32-36	32-36	6	2	15.8	226	1000/3000	1000/3000	10D/20D
GYFTY53-38-42	38-42	7	1	15.8	226	1000/3000	1000/3000	10D/20D
GYFTY53-44-48	44-48	8	0	16.8	225	1000/3000	1000/3000	10D/20D
GYFTY53-50-60	50-60	5	3	16.8	225	1000/3000	1000/3000	10D/20D
GYFTY53-62-72	62-72	6	2	16.8	225	1000/3000	1000/3000	10D/20D
GYFTY53-68-84	68-84	7	1	16.8	225	1000/3000	1000/3000	10D/20D
GYFTY53-74-96	74-96	8	0	16.8	225	1000/3000	1000/3000	10D/20D
GYFTY53-84-108	84-108	9	1	19.2	320	1000/3000	1000/3000	10D/20D
GYFTY53-96-120	96-120	10	0	19.2	320	1000/3000	1000/3000	10D/20D
GYFTY53-108-132	108-132	11	1	21.2	380	1000/3000	1000/3000	10D/20D
GYFTY53-120-144	120-144	12	0	21.2	380	1000/3000	1000/3000	10D/20D

储存、使用温度：-40°C至+70°C

Storage/Operating Temperature: -40°C to +70°C

松套层绞式普通铠装光缆 (GYTY53)

Stranded Loose Tube Armored Cable

产品描述 Description

GYTY53光缆的结构是将250 μm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。缆芯的中心是一根金属加强芯，对于某些芯数的光缆来说，金属加强芯外还需挤上一层聚乙烯 (PE)。松套管 (和填充绳) 围绕中心加强芯绞合成紧凑和圆形的缆芯，缆芯内的缝隙以阻水填充物。缆芯外挤上一层聚乙烯内护套，双面涂塑钢带 (PSP) 纵包后挤制聚乙烯护套成缆。

The fibers, 250 μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire, sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. The cable core is filled with the filling compound to protect it from water ingress, over which a thin PE inner sheath is applied. After the PSP is longitudinally applied over the inner sheath, the cable is completed with a PE outer sheath.

产品特点 Characteristics

- 具有很好的机械性能和温度特性
Good mechanical and temperature performance
- 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
- 管内充以特种油膏，对光纤进行了关键性的保护
Special tube filling compound ensure a critical protection of fiber
- 良好的抗压性和柔软性
Crush resistance and flexibility
- 采用下列措施来确保光缆的防水性能：
The following measures are taken to ensure the cable watertight:
- 单根钢丝中心加强芯
Steel wire used as the central strength member
- 松套管内填充特种防水化合物
Loose tube filling compound
- 完全缆芯填充
100% cable core filling
- 双面涂塑钢带 (PSP) 提高光缆的抗透潮能力
PSP enhancing moisture-proof
- 良好的阻水材料防止光缆纵向渗水
Water-blocking material

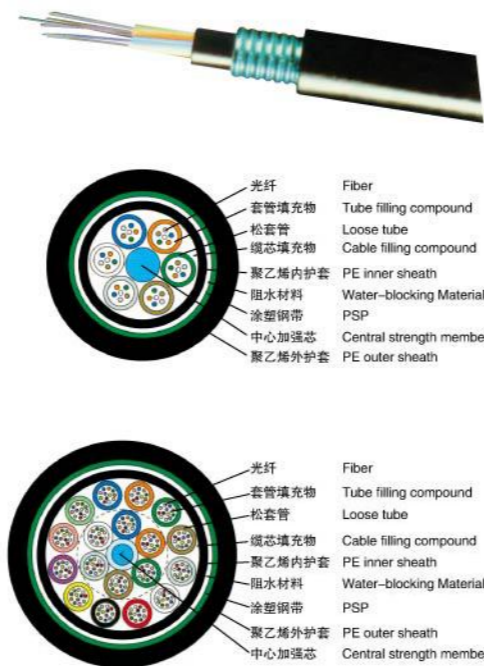
产品标准 Standards

满足YD/T 901-2001和IEC 60794-1标准
Complies with Standard YD/T 901-2001 as well as IEC 60794-1.

结构参数 Technical parameters

光缆型号 Cable Type (以2纤递增)	光纤数 Fiber Count	套管数 Tubes	填充绳数 Fillers	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 静态/动态 Static/Dynamic mm
GYTS-2-6Xn	2-6	1	4	100	短期600N 长期1500N或 1km缆重中 取最大值	300/1000	10D/20D
GYTS-8-12Xn	8-12	2	3	100		300/1000	10D/20D
GYTS-14-18Xn	14-18	3	2	100		300/1000	10D/20D
GYTS-20-24Xn	20-24	4	1	100		300/1000	10D/20D
GYTS-26-30Xn	26-30	5	0	100		300/1000	10D/20D
GYTS-32-36Xn	32-36	6	0	119		300/1000	10D/20D
GYTS-38-48Xn	38-48	4	1	136		300/1000	10D/20D
GYTS-50-60Xn	50-60	5	0	136		300/1000	10D/20D
GYTS-62-72Xn	62-72	6	0	155		300/1000	10D/20D
GYTS-74-84Xn	74-84	7	1	192		300/1000	10D/20D
GYTS-86-96Xn	86-96	8	0	192		300/1000	10D/20D
GYTS-98-108Xn	98-108	9	1	227		300/1000	10D/20D
GYTS-110-120Xn	110-120	10	0	227		300/1000	10D/20D
GYTS-122-132Xn	122-132	11	1	227		300/1000	10D/20D
GYTS-134-144Xn	134-144	12	0	227		300/1000	10D/20D

储存、使用温度: -40°C至+70°C
Storage/Operating Temperature: -40°C to +70°C



光缆结构图
Cable Structure

松套层绞式铠装光缆 (GYTA/S)

Zipcord Interconnect Cable

产品描述 Description

GYTA/S光缆的结构是将250 μm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。缆芯的中心是一根金属加强芯，对于某些芯数的光缆来说，金属加强芯外还需挤上一层聚乙烯 (PE)。松套管 (和填充绳) 围绕中心加强芯绞合成紧凑和圆形的缆芯，缆芯内的缝隙以阻水填充物。涂塑铝带 (APL) 纵包后挤制聚乙烯护套成缆，适用：管道、架空。

The fibers, 250 μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire, sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. An Aluminum Polyethylene Laminate (APL) is applied around the cable core, which is filled with the filling compound to protect it from water ingress. Then, the cable is completed with a PE sheath. Application: Duct/Aerial.

产品特点 Characteristics

- 具有很好的机械性能和温度特性
Good mechanical and temperature performance
- 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
- 管内充以特种油膏，对光纤进行了关键性的保护
Special tube filling compound ensure a critical protection of fiber
- 特别设计的紧密的光缆结构，有效防止套管回缩
Specially designed compact structure is good at preventing loose tubes from shrinking
- PE护套具有良好的抗紫外辐射性能
PE sheath protects cable from ultraviolet radiation
- 采用下列措施来确保光缆的防水性能：
The following measures are taken to ensure the cable watertight:
- 单根钢丝中心加强芯
Steel wire used as the central strength member
- 松套管内填充特种防水化合物
Loose tube filling compound
- 完全缆芯填充
100% cable core filling
- PSP涂塑铝带 (APL) 防潮层
APL moisture barrier

产品标准 Standards

满足YD/T 901-2009和IEC 60794-1标准。
Comply with standard YD/T 901-2009 as well as IEC 60794-1.

结构参数 Technical parameters

光缆型号 Cable Type (以2纤递增)	光纤数 Fiber Count	套管数 Tubes	填充绳数 Fillers	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 静态/动态 Static/Dynamic mm
GYTA/S-2-6	2-6	1	4	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-8-12	8-12	2	3	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-12-14	12-14	3	2	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-20-24	20-24	4	1	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-26-30	26-30	5	0	9.5	80	600/1500	300/1000	10D/20D
GYTA/S-32-36	32-36	6	0	9.7	97	1000/3000	300/1000	10D/20D
GYTA/S-38-48	38-48	4	1	10.5	109	1000/3000	300/1000	10D/20D
GYTA/S-50-60	50-60	5	0	10.5	109	1000/3000	300/1000	10D/20D
GYTA/S-62-72	62-72	6	0	11.5	126	1000/3000	300/1000	10D/20D
GYTA/S-74-84	74-84	7	1	13.2	153	1000/3000	300/1000	10D/20D
GYTA/S-86-96	86-96	8	0	13.2	153	1000/3000	300/1000	10D/20D
GYTA/S-98-108	98-108	9	1	14.6	182	1000/3000	300/1000	10D/20D
GYTA/S-110-120	110-120	10	0	14.6	182	1000/3000	300/1000	10D/20D
GYTA/S-122-124	122-124	11	1	16.5	221	1000/3000	300/1000	10D/20D
GYTA/S-134-144	134-144	12	0	16.5	221	1000/3000	300/1000	10D/20D

储存、使用温度: -40°C至+70°C
Storage/Operating Temperature: -40°C to +70°C



光缆结构图
Cable structure

松套管绞式非金属加强芯非铠装光缆(GYFTY)

Stranded Loose Tube Non-metallic Strength Member Non-armored Cable

产品描述 Description

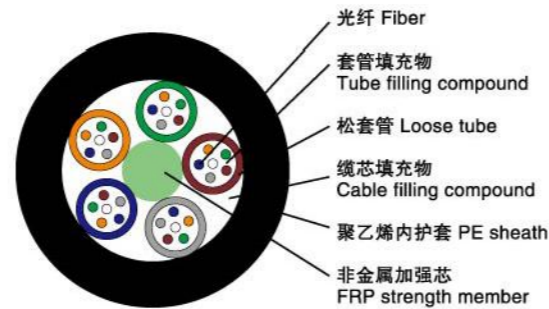
GYFTY光缆的结构是将250 μm光纤套入高模量材料制成的松套管中,松套管内填充防水化合物。缆芯的中心是一根玻璃纤维增强塑料(FRP),松套管(和填充物)围绕中心加强芯绞合成紧凑和圆形的缆芯,缆芯内的缝隙以阻水填充物。缆芯外挤上一层聚乙烯护套成缆,适用:管道、架空。

The fibers, 250 μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A Fiber Reinforced Plastic(FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular core. After the cable core is filled with the filling compound to protect it from water ingress, the cable is completed with a PE sheath. Application: Duct/aerial.

产品特点 Characteristics

- 具有很好的机械性能和温度特性
Good mechanical and temperature performance
- 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
- 管内充以特种油膏,对光纤进行了关键性的保护
Special tube filling compound ensure a critical protection of fiber
- 良好的抗压性和柔软性
Crush resistance and flexibility
- 采用下列措施来确保光缆的防水性能:
The following measures are taken to ensure the cable watertight:

- 单根钢丝中心加强芯
Steel wire used as the central strength member
- 松套管内填充特种防水化合物
Loose tube filling compound
- 完全缆芯填充
100% cable core filling



光缆结构图
Cable structure

产品标准 Standards

满足YD/T 901-2009和IEC 60794-1标准。
Comply with standard YD/T 901-2009 as well as IEC 60794-1.

结构参数 Technical parameters

光缆型号 Cable Type (以2纤递增) (Increased by 2 fibers)	光纤数 Fiber Count	套管数 Tubes	填充物数 Fillers	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 静态/动态 Static/Dynamic mm
GYFTY-2-6	2-6	1	5	10.6	88	400/1000	300/1000	10D/20D
GYFTY-8-12	8-12	2	4	10.6	88	400/1000	300/1000	10D/20D
GYFTY-14-18	14-18	3	3	10.6	88	400/1000	300/1000	10D/20D
GYFTY-20-24	20-24	4	2	10.6	88	400/1000	300/1000	10D/20D
GYFTY-26-30	26-30	5	1	10.6	88	400/1000	300/1000	10D/20D
GYFTY-32-36	32-36	6	0	10.6	88	400/1000	300/1000	10D/20D
GYFTY-2-6	2-6	1	6	11.0	97	600/1500	300/1000	10D/20D
GYFTY-8-12	8-12	2	5	11.0	97	600/1500	300/1000	10D/20D
GYFTY-14-18	14-18	3	4	11.0	97	600/1500	300/1000	10D/20D
GYFTY-20-24	20-24	4	3	11.0	97	600/1500	300/1000	10D/20D
GYFTY-26-30	26-30	5	2	11.0	97	600/1500	300/1000	10D/20D
GYFTY-32-36	32-36	6	1	11.0	97	600/1500	300/1000	10D/20D
GYFTY-38-42	38-42	7	0	11.0	97	600/1500	300/1000	10D/20D
GYFTY-38-48	38-48	4	2	12.0	113	600/1500	300/1000	10D/20D
GYFTY-50-60	50-60	5	1	12.0	113	600/1500	300/1000	10D/20D
GYFTY-62-72	62-72	6	0	12.0	113	600/1500	300/1000	10D/20D

储存、使用温度: -40°C至+70°C
Storage/Operating Temperature: -40°C to +70°C

中心管式轻铠装光缆(GYXTW)

Unitube Light-armored Cable

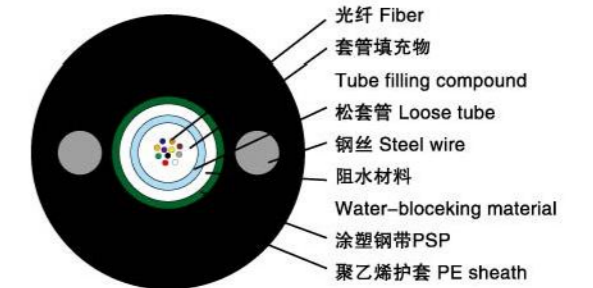
产品描述 Description

GYXTW光缆的结构是将250 μm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。松套管外用一层双面涂层塑钢带(PSP)纵包,钢带和松套管之间加阻水材料以保证光缆的紧凑和纵向阻水,两侧放置两根平行钢丝后挤置聚乙烯护套成缆。适用:管道、架空。

The fibers, 250 μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. The tube is wrapped with a layer of PSP longitudinally. Between the PSP and the loose tube water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a polyethylene (PE) sheath. Application: Duct/Aerial.

产品特点 Characteristics

- 具有很好的机械性能和温度特性
Good mechanical and temperature performance
- 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
- 管内充以特种油膏,对光纤进行了关键性的保护
Special tube filling compound ensure a critical protection of fiber
- 良好的抗压性和柔软性
Crush resistance and flexibility
- 双面涂层钢带(PSP)提高光缆的抗透潮能力
PSP enhancing moisture-proof
- 两根平行的钢丝保证光缆的抗拉强度
Two parallel steel wires ensure tensile strength
- 直径小、重量轻、容易敷设
Small diameter, light weight and friendly installation
- 较长的交货长度
Long delivery length



光缆结构图
Cable structure

产品标准 Standards

满足YD/T 769-2010标准。
Comply with standard YD/T 769-2010.

结构参数 Technical parameters

光缆型号 Cable Type (以2纤递增) (Increased by 2 fibers)	光纤数 Fiber Count	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 静态/动态 Static/Dynamic mm
GYXTW-2~12	2~12	8.2	100	600/1500	300/1000	10D/20D

储存、使用温度: -40°C至+70°C
Storage/Operating Temperature: -40°C to +70°C

中心管式非金属非铠装光缆(GYFX)

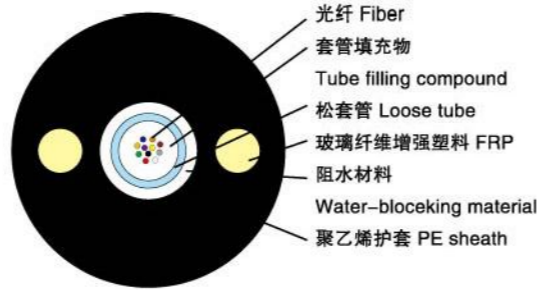
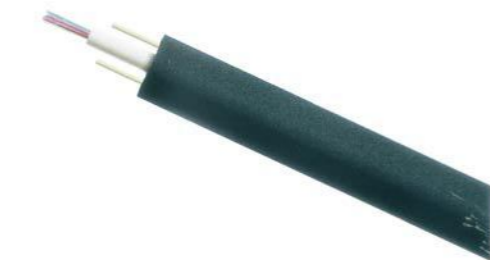
Unitube Non-metallic Non-armored Cable

产品描述 Description

GYFXY光缆的结构是将250 μm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。松套管外加阻水材料以保证光缆纵向阻水,两侧放置两根平行玻璃纤维增强塑料(FRP)后挤置聚乙烯护套成缆。
The fibers 250 μm,are positioned in a loose tube made of a high modulus plastic .The tubes are filled with a water-resistant filling compound.Over the tube,water-blocking material is applied to keep the cable watertight.Two parallel Fiber Reinforced Plastics(FRP) are placed at the two sides.The cable is completed with a polyethylene (PE) sheath.

产品特点 Characteristics

- 具有很好的机械性能和温度特性
Good mechanical and temperature performance
- 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
- 管内充以特种油膏,对光纤进行了关键性的保护
Special tube filling compound ensure a critical protection of fiber
- 两根平行的FRP保证光缆的抗拉强度
Two parallel FRPs ensure tensile strength
- PE护套具有很好的抗紫外辐射的性能
PE sheath protects cable form ultraviolet radiation
- 直径小、重量轻、容易敷设
Small diameter,light weight and friendly installation
- 较长的交货长度
Long delivery length



光缆结构图
Cable structure

产品标准 Standards

符合YD/T 769-2010标准。
Complies with standard YD/T 769-2010.

结构参数 Technical parameters

光缆型号 Cable Type (以2纤递增) (Increased by 2 fibers)	光纤数 Fiber Count	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 静态/动态 Static/Dynamic mm
GYFX-2~12	2~12	8.2	81	400/1000	300/1000	10D/20D

储存、使用温度: -40°C至+70°C
Storage/Operating Temperature:-40°C to +70°C

8字型层绞式光缆(GYTC8A)

Figure 8 Cable

产品描述 Description

GYTC8A光缆的结构是将250 μm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。缆芯的中心是一根金属加强芯,松套管(和填充绳)围绕中心加强芯绞合成紧凑圆形的缆芯。缆芯用一层涂塑铝带(APL)纵包后,和钢丝绞线集成一个8字型的聚乙烯护套内。
本公司还可以提供Y护套或S护套的8字形光缆GYTC8Y、GYTC8S,等,此类产品多应用于自承式架空敷设。
The fibers 250 μm,are positioned in a loose tube made of a high modulus plastic.The tubes are filled with a water-resistant filling compound.A steel wire locates in the center of core as a metallic strength member.The tubes(and fillers) are stranded around the strength member into a compact and circular cable core .After an Aluminum Polyethylene Laminate (APL) moisture barrier is applied around the cable core ,this part of cable accompanied with the stranded wires as the supporting part are completed with a polyethylene (PE) sheath to be figure 8 structure.
Figure 8 cable GYTC8Y,GYTC8S are also available on request .This type of cable is specifically applied for self-supporting aerial installation!

产品特点 Characteristics

- 铜线绞线具有极高的抗拉强度,便于自承式架空敷设,降低安装成本
High tensile strength of stranded wires meet the requirement of self-supporting and reduce installation cost
- 光缆具有很好的机械性能和温度特性
Good mechanical and temperature performance
- 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
- 管内充以特种油膏,对光纤进行了关键性的保护
Special tube filling compound ensure a critical protection of fiber
- 采用下列措施来确保光缆的防水性能:
The following measures are taken to ensure the cable watertight:
单根钢丝中心加强芯
Steel wire used as the central strength member
松套管内填充特种防水化合物
Loose tube filling compound
完全缆芯填充
100% cable core filling
涂塑铝带 (APL) 防潮层
APL moisture barrier



光缆结构图
Cable structure

产品标准 Standards

符合YD/Y 1155-2001和IEC60794-1标准。
Complies with Standard YD/Y 1155-2001 as well as IEC60794-1.

结构参数 Technical parameters

光缆型号 Cable Type (以2纤递增) (Increased by 2 fibers)	光纤数 Fiber Count	套管数 Tubes	填充绳数 Filler	光缆重量 Cable Weight Kg/km	光缆直径 Cable Diameter mm	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 静态/动态 Static/Dynamic mm
GYTC8A-2~6	2~6	1	4	214	6.8 × 9.2 × 18.0	600/1500	300/1000	10D/20D
GYTC8A-8~12	8~12	2	3	214	6.8 × 9.2 × 18.0	600/1500	300/1000	10D/20D
GYTC8A-14~18	14~18	3	2	214	6.8 × 9.2 × 18.0	600/1500	300/1000	10D/20D
GYTC8A-20~24	20~24	4	1	214	6.8 × 9.2 × 18.0	600/1500	300/1000	10D/20D
GYTC8A-26~30	26~30	5	0	214	6.8 × 9.2 × 18.0	600/1500	300/1000	10D/20D

储存、使用温度: -40°C~至70°C
Storage/Operating Temperature:-40°C to +70°C

8字型层绞式光缆(GYXTC8S) GYXTC8S type optical cable

产品描述 Description

GYXTC8S型光缆是中心管松套填充式、钢-聚乙烯粘胶护套、8字型自承式的通信用室外光缆
GYXTC8S type optical cable is center pipe loosing jacket filling type, steel-PE adhesive jacket, 8 font self undertaken type communication outdoor optical cable.

产品特点 Characteristics

全截面阻水，确保良好的阻水防潮性能
Being used full section water retardant structure it possesses good water retardant and dampproof property
松套管内填充特种油脂，对光纤进行关键性保护
Special factice is filled into inside of loosing jacket and takes key protection to optical fiber
纵包钢带加强光缆的抗侧压能力
Vertical wrapped steel strip strengthens resisting lateral pressure ability
8字型自承式结构抗拉强度高，便于架空敷设，安装成本低
8 font self undertaken type structure possesses high tensile strength and is convenient for aerial installation and its installation cost is cheap
产品使用寿命30年以上
The service life of the product will be more 30 years



产品标准 Standards

符合YD/T 1155-2001和IEC 60794-2-1标准。
Comply with standard YD/T 1155-2001 as well as IEC60794-1

结构参数 Technical parameters

光缆型号 Cable Type (以2纤递增)	光纤数 Fiber Count	松套管内 最大芯数	光缆重量 Cable Weight Kg/km	光缆直径 Cable Diameter mm	允许拉伸力 Tensile Strength		允许压扁力 Crush Resistance	
					长期/短期 Long/Short term N	长期/短期 Long/Short term N/100mm	长期/短期 Long/Short term N/100mm	长期/短期 Long/Short term N/100mm
GYXTC8S-2-8	2-8	8	117	8.1 × 16.9	≥2000/≥6000	≥300/≥1000		
GYXTC8S-10-12	10-12	12	121	8.3 × 17.0				

储存、使用温度：-40°C~至70°C
Storage/Operating Temperature: -40°C to +70°C

单芯光缆(GJFJV) Simplex Cable

产品描述 Description

GJFJV单芯光缆使用单根Φ900 μm或Φ600 μm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，最外挤制一层聚氯乙烯(PVC)或低烟无卤材料(LSZH、低烟、无卤、阻燃)护套而成。
SXC simplex cable use single Φ900 μm or Φ600 μm 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 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
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.

产品应用 Applications

光纤活动连接跳线或尾线
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 1258.2-2003、ICEA-596、GR-409、IEC 60794-2-10/11等标准；符合UL认证OFNR、OFNP要求。
Comply with standard YD/T 1258.2-2003, ICEA-596, GR-409, IEC 60794-2-10/11, etc; and meet the requirements of UL approval for OFNR and OFNP.

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		紧套光纤直径 Diameter μm	允许拉伸力 Tensile Strength		允许压扁力 Crush Resistance		弯曲半径 Bending Radius 动态/静态 Dynamic/Static mm
		PVC 护套 PVC Jacket	LSZH 护套 LSZH Jacket		长期/短期 Long/Short term N	长期/短期 Long/Short term N/100mm	长期/短期 Long/Short term N/100mm	长期/短期 Long/Short term N/100mm	
GJFJV	Φ2.0 ± 0.2			900 ± 50	80/150	100/500	50/30		
	Φ2.8 ± 0.2	6.0	7.5						
	Φ3.0 ± 0.2								

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

双芯8字型光缆(GJFJ8V) Zipcord Interconnect Cable

产品描述 Description

GJFJ8V双芯8字型光缆使用 $\phi 900\mu\text{m}$ 或 $\phi 600\mu\text{m}$ 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 $\phi 900\mu\text{m}$ or $\phi 600\mu\text{m}$ 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 excelent 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 tensible 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 form 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线
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 1258.2-2003、ICEA-596、GR-409、IEC 60794-2-10/11等标准;符合UL认证OFNR、OFNP要求。
Comply with standard YD/T 1258.2-2003、ICEA-596、GR-409、IEC 60794-2-10/11 ,etc;and meet the requirements of UL approval for 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				
GJFJ8V	(6.0 \pm 0.4) \times (2.8 \pm 0.2)	11.6	14.8	900 \pm 50	100/200	200/1000	50/30

运输/储存/使用温度: $-20^{\circ}\text{C}\sim+60^{\circ}\text{C}$, 安装温度: $-5^{\circ}\text{C}\sim+50^{\circ}\text{C}$
Transport/Storage/Operating Temperature: $-20^{\circ}\text{C}\sim+60^{\circ}\text{C}$, Installation Temperature: $-5^{\circ}\text{C}\sim+50^{\circ}\text{C}$

多用途分支光缆(GJBFJV) Multi Purpose Break-out Cable

产品描述 Description

GJBFJV多用途分支光缆使用单芯光缆($\phi 900\mu\text{m}$ 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,最外挤制一层聚氯乙烯(PVC)或低烟无卤材料(LSZH、低烟、无卤、阻燃)护套而成。
GJBFJV multi-prupose break-out cable use simples cable($\phi 900\mu\text{m}$ 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. The cable is completed with a PVC or LSZH (LOW smoke,Zero halogen,Flame-retardant)jacket.

产品特点 Characteristics

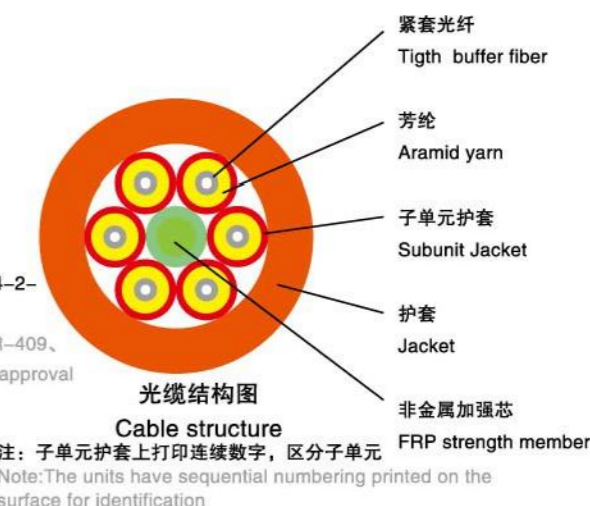
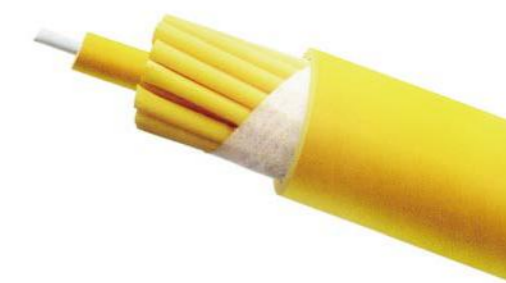
- 层绞式光缆结构,非金属中心加强芯使光缆可以承受更大的拉力
Stranded non-metallic strength member structure ensure the cable endure larger tensile strength
- 外护材料耐腐蚀,防水,防紫外,阻燃,环保等优点
The jacket anti-corrosion,anti-water,anti-ultraviolet radiation, flame-retardant and harmless to environment etc.

产品应用 Applications

- 室内的综合线缆
Indoor any purpose cable distribution

产品标准 Standards

满足YD/T 1258.4-2005、ICEA-596、GR-409、IEC 60794-2-20/21等标准;符合UL认证OFNR要求。
Comply with standard YD/T 1258.4-2005、ICEA-596、GR-409、IEC 60794-2-20/21 ,etc;and meet the requirements of UL approval for OFNR .



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	护套材料 Jacket Material
GJBFJV-02	7.2 \pm 0.5	38	200/600	300/1000	20D/10D	PVC/LSZH
GJBFJV-04	7.2 \pm 0.5	45.5	200/600	300/1000	20D/10D	PVC/LSZH
GJBFJV-06	8.3 \pm 0.5	63	200/600	300/1000	20D/10D	PVC/LSZH
GJBFJV-08	9.4 \pm 0.5	84	200/600	300/1000	20D/10D	PVC/LSZH
GJBFJV-10	10.7 \pm 0.5	125	200/600	300/1000	20D/10D	PVC/LSZH
GJBFJV-12	12.2 \pm 0.5	148	200/600	300/1000	20D/10D	PVC/LSZH
GJBFJV-18	12.2 \pm 0.5	153	400/1320	300/1000	20D/10D	PVC/LSZH

运输/储存/使用温度: $-20^{\circ}\text{C}\sim+60^{\circ}\text{C}$, 安装温度: $-5^{\circ}\text{C}\sim+50^{\circ}\text{C}$
Transport/Storage/Operating Temperature: $-20^{\circ}\text{C}\sim+60^{\circ}\text{C}$, Installation Temperature: $-5^{\circ}\text{C}\sim+50^{\circ}\text{C}$

多用途布线光缆(GJFJV)

Multi Purpose Distribution Cable

产品描述 Description

GJFJV多用途布线光缆使用多根Φ900μm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，最外挤制一层聚氯乙烯(PVC)或低烟无卤材料(LSZH、低烟、无卤、阻燃)护套而成。
GJFJV multi-purpose distribution cable use several Φ900μm 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 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
- 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
- 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.



产品应用 Applications

- 双工光纤活动连接跳线
Duplex Optical fibre jumper
- 室内综合线缆
Indoor any purpose cable distribution

产品标准 Standards

满足YD/T 1258.4-2005、ICEA-596、GR-409、IEC 60794-2-20/21等标准；符合UL认证OFNR要求。
Comply with standard YD/T 1258.4-2005、ICEA-596、GR-409、IEC 60794-2-20/21, etc; and meet the requirements of UL approval for OFNP.



光缆结构图
Cable structure

- 紧套光纤 Tight buffer fiber
- 芳纶 Aramid yarn
- 护套 Jacket

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	护套材料 Jacket Material
GJFJV-02	4.1 ± 0.25	12.4	200/660	300/1000	20D/10D	PVC/LSZH
GJFJV-04	4.8 ± 0.25	16.2	200/660	300/1000	20D/10D	PVC/LSZH
GJFJV-06	5.2 ± 0.25	20	200/660	300/1000	20D/10D	PVC/LSZH
GJFJV-08	5.6 ± 0.25	26	200/660	300/1000	20D/10D	PVC/LSZH
GJFJV-10	5.8 ± 0.25	28	200/660	300/1000	20D/10D	PVC/LSZH
GJFJV-12	6.4 ± 0.25	31.5	200/660	300/1000	20D/10D	PVC/LSZH
GJFJV-18	8.5 ± 0.25	42.1	200/660	300/1000	20D/10D	PVC/LSZH

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

多用途布线光缆(GJPFJV)

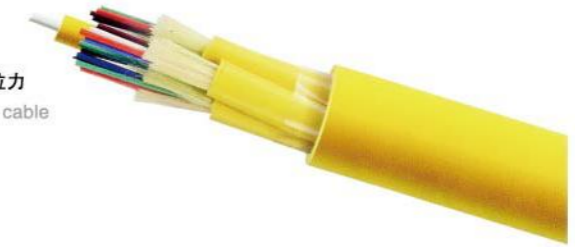
Multi Purpose Distribution Cable

产品描述 Description

GJPFJV多用途布线光缆使用6芯子单元(Φ900μm紧套光纤、芳纶加强元件)，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，最外挤制一层低烟无卤材料(LSZH、低烟、无卤、阻燃)护套而成。
GJPFJV multi-purpose distribution cable use 6-fibre subunits (Φ900μm tight buffer fibre, aramid yarn as strength member). 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. The cable is completed with a LSZH (Low smoke, Zero halogen, Flame-retardant) jacket.

产品特点 Characteristics

- 层绞式光缆结构，非金属中心加强芯使用光缆可以承受更大的拉力
Stranded non-metallic strength member structure ensure the cable endure larger tensile strength
- 光纤密度高、容量大、结构紧凑
Compact structure with high fibre capacity and density
- 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

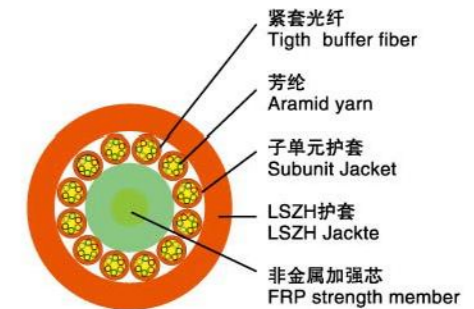


产品应用 Applications

- 室内综合线缆
Indoor any purpose cable distribution
- 作为大楼的主干布线光缆
Backbone distribution cable in a building

产品标准 Standards

满足YD/T 1258.4-2005、ICEA-596、GR-409、IEC 60794-2-20/21、IEC 3221-1和IEC332-3C等标准。
Comply with standard YD/T 1258.4-2005、ICEA-596、GR-409、IEC 60794-2-20/21、IEC 3221-1 and IEC332-3C.



光缆结构图
Cable structure

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

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
GJPFJV-024	10.4 ± 0.5	96	400/1320	300/1000	20D/10D
GJPFJV-030	12.4 ± 0.5	149	400/1320	300/1000	20D/10D
GJPFJV-036	13.5 ± 0.5	185	400/1320	300/1000	20D/10D
GJPFJV-048	15.7 ± 0.5	265	400/1320	300/1000	20D/10D
GJPFJV-060	18.0 ± 0.5	350	400/1320	300/1000	20D/10D
GJPFJV-072	20.5 ± 0.5	440	400/1320	300/1000	20D/10D
GJPFJV-096	20.5 ± 0.5	448	400/1320	300/1000	20D/10D
GJPFJV-108	20.5 ± 0.5	448	400/1320	300/1000	20D/10D

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

野战移动光缆(GJPFJU)

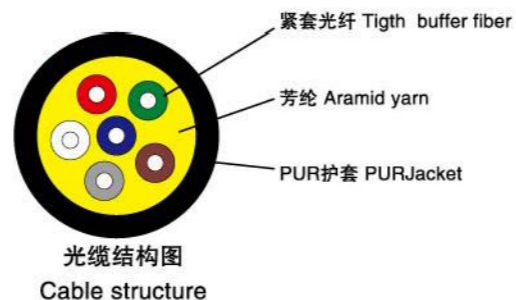
Mobile Cable

产品描述 Description

GJPFJU野战移动光缆使用多根Φ900μm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，最外挤制一层聚氨酯(PUR)护套而成。
GJPFJU mobile cable use several Φ900μm flame-retardant tight buffer fibres 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 PUR 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
- 抗扭曲性能极佳
Excellent performance of anti-torsion
- 外护材料耐磨，耐老化，耐油，阻燃等性能优越
The jacket anti-abrasion, anti-aging, anti-oil and flame-retardant 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

- 军队野外通信系统布线
Military communication system cable distribution
- 油田、采矿业、雷达等通信传输
Communication between radars or in oil field, mining work place

产品标准 Standards

满足YD/T 1258.4-2005、ICEA-596、GR-409、IEC 60794-2-20/21等标准；符合UL认证OFNR要求。
Comply with standard YD/T 1258.4-2005, ICEA-596, GR-409, IEC 60794-2-20/21, etc; and meet the requirements of UL approval for OFNR.

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
GJPFJU-02	6.4 ± 2.5	30	1500/2000	1000/1500	20D/10D
GJPFJU-04	6.4 ± 2.5	30	1500/2000	1000/1500	20D/10D
GJPFJU-06	6.5 ± 6.5	35	1500/2000	1000/1500	20D/10D

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

防水尾缆(GJA)

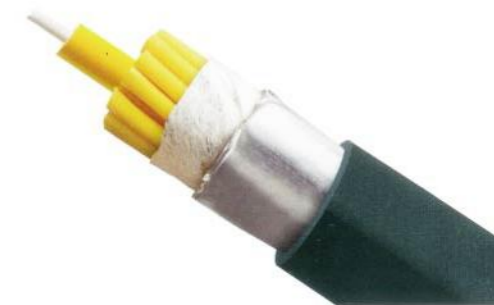
Waterproof Pig-tail Cable

产品描述 Description

GJA防水尾缆使用单芯光缆(Φ900μm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(Φ900μm tight buffer fibre, aramid yarn as strength member) as subunits. 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压力
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

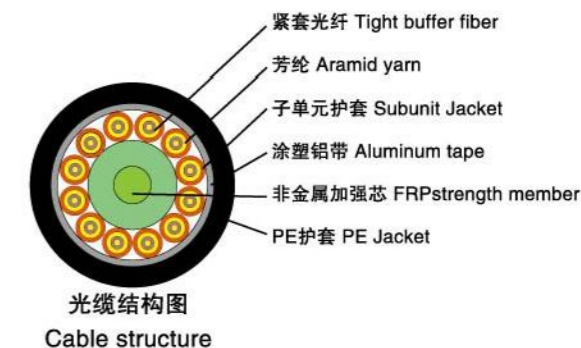


产品应用 Applications

- 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、ICEA-596、GR-409、IEC 60794-2-20/21等标准。
Comply with standard YD/T 1258.4-2005, ICEA-596, GR-409, IEC 60794-2-20/21, etc.



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

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-02	8.9 ± 0.5	58.1	200/660	300/1000	20D/10D
GJA-04	8.9 ± 0.5	58.3	200/660	300/1000	20D/10D
GJA-06	9.8 ± 0.5	73	200/660	300/1000	20D/10D
GJA-08	10.6 ± 0.5	95.1	200/660	300/1000	20D/10D
GJA-12	13.4 ± 0.5	155.2	200/660	300/1000	20D/10D

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

接入网用蝶形引入室内光缆(GJXFH/GJXH)

Bow-type drop cable

产品描述 Description

接入网用蝶形引入室内光缆是将光通信单元处于中心，两侧放置两根平行非金属加强元件（FRP）或钢丝，最后，挤制黑色或彩色低烟无卤护套成缆。

The optical fiber unit is positioned in the centre. Two parallel Fiber Reinforced Plastics (FRP) are placed at the two sides. Then, the cable is completed with a black or color LSZH sheath.

产品特点 Characteristics

特种耐弯光纤，提供更大的带宽，增强网络传输性能

Special Low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property

两根平等FRP/钢丝使光缆具有良好的抗压性能，保护光纤

Two parallel FRP/strength members ensure good performance of crush resistance to protect the fiber

光缆结构简单，重量轻，实用性强

Simple structure, light weight and high practicability

独特的凹槽设计，易剥离，方便接续，简化安装和维护

Novel flute design, easily strip and splice, simplify the installation and maintenance

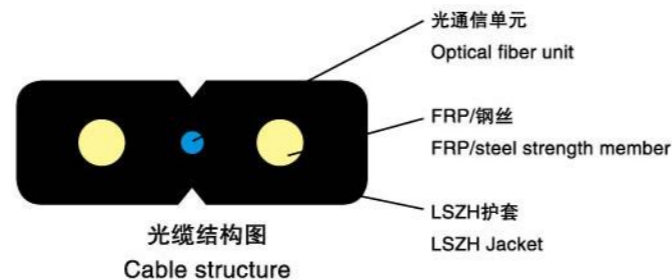
低烟无卤阻燃护套，环保

Low smoke, zero halogen and flame retardant sheath

产品标准 Standards

满足YD/T 1997-2009、ICEA-596、GR-409、IEC 60794等标准。

Comply with standard YD/T 1997-2009, ICEA-596, GR-409, IEC 60794.



结构参数 Technical parameters

光缆型号 Cable Code	芯数 Fiber Count	光缆尺寸 Cable Size 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 静态/动态 Static/Dynamic mm
GJXFH-1	1	(2.0±0.2)×(3.0±0.2)	8	30/60	300/1000	15/30
GJXFH-2	2	(2.0±0.2)×(3.0±0.2)	8.5	30/60	300/1000	15/30
GJXFH-4	4	(2.0±0.2)×(4.0±0.2)	10	30/60	300/1000	15/30
GJXH-1	2	(2.0±0.2)×(3.0±0.2)	9	30/60	300/1000	15/30
GJXH-2	2	(2.0±0.2)×(3.0±0.2)	9.5	30/60	300/1000	15/30
GJXH-4	4	(2.0±0.2)×(4.0±0.2)	10	30/60	300/1000	15/30

储存、使用温度：-20°C至+60°C

Storage/Operating Temperature: -20°C to +60°C

自承式接入网用蝶形引入室内光缆(GJYXFCH)

Self-supporting Bow-type drop cable

产品描述 Description

自承式接入网用蝶形引入室内光缆是将光通信单元处于中心，两侧放置两根平行非金属加强元件（FRP），在外侧再附加一根钢丝加强元件，最后，挤制黑色或彩色低烟无卤护套成缆。

The optical fiber unit is positioned in the centre. Two parallel Fiber Reinforced Plastics (FRP) are placed at the two sides. A steel wire as the additional strength member is also applied. Then, the cable is completed with a black or color LSZH sheath.

产品特点 Characteristics

特种耐弯光纤，提供更大的带宽，增强网络传输性能

Special Low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property

两根平等FRP/钢丝使光缆具有良好的抗压性能，保护光纤

Two parallel FRP/strength members ensure good performance of crush resistance to protect the fiber

单根钢丝附加加强元件，使光缆具有良好的抗拉性能

Single steel wire as the additional strength member ensures good performance of tensile strength

光缆结构简单，重量轻，实用性强

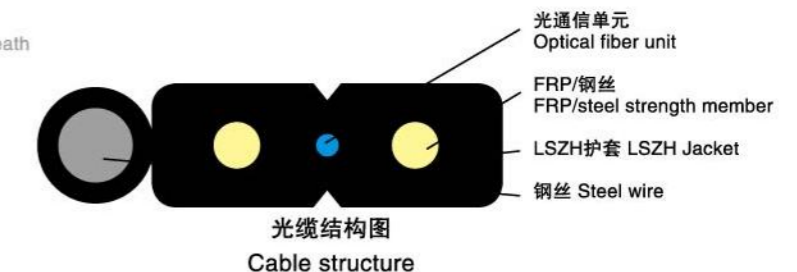
Simple structure, light weight and high practicability

独特的凹槽设计，易剥离，方便接续，简化安装和维护

Novel flute design, easily strip and splice, simplify the installation and maintenance

低烟无卤阻燃护套，环保

Low smoke, zero halogen and flame retardant sheath



产品标准 Standards

满足YD/T 1997-2009、ICEA-596、GR-409、IEC 60794等标准。

Comply with standard YD/T 1997-2009, ICEA-596, GR-409, IEC 60794, etc.

结构参数 Technical parameters

光缆型号 Cable Code	芯数 Fiber Count	光缆尺寸 Cable Size 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 静态/动态 Static/Dynamic mm
GJYXFH-1	1	(2.0±0.2)×(5.0±0.2)	21	30/60	300/1000	15/30
GJYXFH-2	2	(2.0±0.2)×(5.0±0.2)	21	30/60	300/1000	15/30
GJYXFH-4	4	(2.0±0.2)×(5.6±0.2)	21.5	30/60	300/1000	15/30
GJYXH-1	1	(2.0±0.2)×(5.0±0.2)	21	30/60	300/1000	15/30
GJYXH-2	2	(2.0±0.2)×(5.0±0.2)	21	30/60	300/1000	15/30
GJYXH-4	4	(2.0±0.2)×(5.6±0.2)	21.5	30/60	300/1000	15/30

储存、使用温度：-20°C至+60°C

Storage/Operating Temperature: -20°C to +60°C

管道用蝶形引入光缆(GJXFHA)

Bow-type drop cable for duct

产品描述 Description

接入网用蝶形引入室内光缆是将光通单元处于中心，两侧放置两根平行非金属加强元件（FRP），挤制黑色低烟无卤护套。外包铝带防潮层，最后挤制PE护套成缆。

The optical fiber unit is positioned in the centre. Two parallel Fiber Reinforced Plastics (FRP) are placed at the two sides. Then, the cable is completed with a black or color LSZH sheath.

产品特点 Characteristics

特种耐弯光纤，提供更大的带宽，增强网络传输性能

Special Low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property

两根平等FRP/钢丝使光缆具有良好的抗压性能，保护光纤

Two parallel FRP/strength members ensure good performance of crush resistance to protect the fiber

光缆结构简单，重量轻，实用性强

Simple structure, light weight and high practicability

独特的凹槽设计，易剥离，方便接续，简化安装和维护

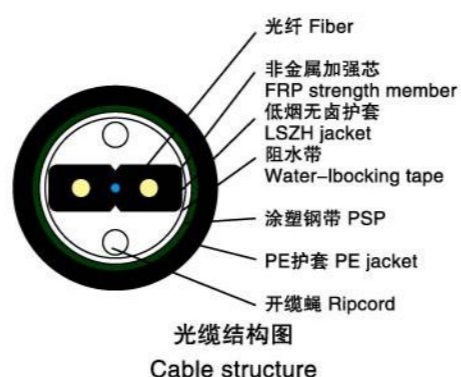
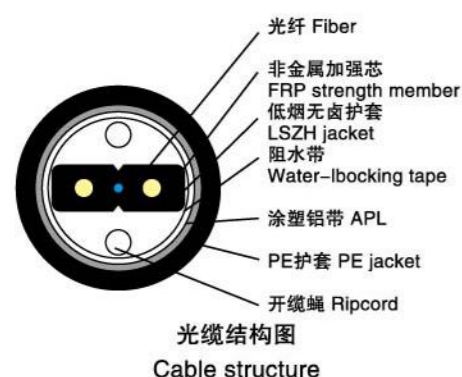
Novel flute design, easily strip and splice, simplify the installation and maintenance

低烟无卤阻燃护套，环保

Low smoke, zero halogen and flame retardant sheath

涂塑铝带（APL）防潮层，提高光缆的抗透潮能力

APL moisture barrier, PSP enhancing moisture-proof



结构参数 Technical parameters

光缆型号 Cable Code	芯数 Fiber Count	光缆尺寸 Cable Size 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 静态/动态 Static/Dynamic mm
GJXFHA-1	1	7.0	47	30/60	300/1000	15/30
GJXFHA-2	2	7.0	47	30/60	300/1000	15/30

储存、使用温度：-20°C至+60°C

Storage/Operating Temperature: -20°C to +60°C

光纤适配器系列

Optical fiber adapter series

产品描述 Description

根据光纤活动连接器的连接头选择型号。按连接头结构形式可分为：FC、SC、ST、LC、MTRJ、MPO、MU、SMA、DDI、DIN4、D4、E2000各种形式，利用良好烧结技术确保优异强度、稳定度（200-600插拔力）。

Choose type in accordance with connecting head of optical fiber movable connector. According to the structural form of connecting head, it can be divided into FC、SC、ST、LC、MTRJ、MPO、MU、SMA、DDI、DIN4、D4、E2000 various types. The excellent strength and stability (200-600gf insertion and extraction force) can be got by good sintered technology.

光纤适配器 AOC type optical fiber adapter



转接光纤适配器 AOC type switching optical fiber adapter



双工光纤适配器 AOC type duplex optical fiber adapter

