



Company Profile

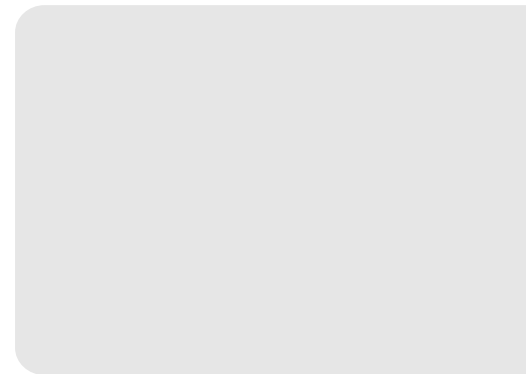


SHKE Communication Tech Co.,Ltd (SHKE) is an industry leader in providing fiber optic products, engineering expertise and integrated services to the telecommunications industry since 2003. We manufacture, engineer and install the fiber optic products and equipment that communications providers need to provide high-speed voice, video and data services to their customers. Our extensive experience in both design and application crosses all markets, from Telco, Broadband and Wireless, to Electric Utility, OEM, Enterprise and Private Networks.









The products we manufactured included : Fiber Optical Patch Cord , Optical Cable , Fiber Connector , Adapter , Attenuator and Plastic Optic Fiber Patch Cord (POF) .

The products we designed included: Fiber Optical Patch Panel, Optical Distribution Frame and Fiber enclosure. For the enclosure, it is compliant with IP68 test.

We are constantly expanding product offerings so that our customers have a leading edge in today's competitive market. Over the years we have garnered a reputation for consistently delivering innovative products. SHKE is recognized for its commitment to quality, service and dependability, and is known to provide the shortest lead time and quickest turnaround in the industry, earning itself the reputation of being the number one supplier for JIT (Just In Time) delivery .

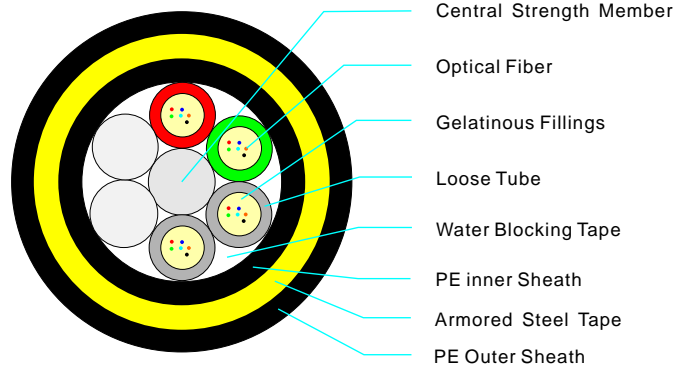


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All Dielectric Self-supporting Aerial Cable

ADSS



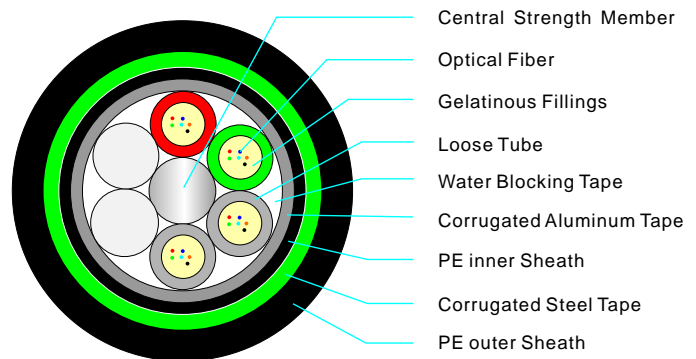
Features

- PE (Polyethylene) or AT (Anti-tracking) outer jacket can resist deterioration from ultra-violet (UV) rays.
- Light weight and small diameter reducing the load caused by ice and wind and the load on towers and backprops.
- Large span lengths and the largest span is over 1000 meters.

Model	Fiber Count	O.D.	Tube Count	Normal Weight	Rec. daily Max. working tension MOTS	Max. allowable working tension MATS	Break strength RTS	Modulus of elasticity	Heat expansion coefficient ($\times 10^{-6}/K$)
		mm		kg/km	kN	kN	kN	kN/mm ²	
ADSS-AT	12	12.5±0.5	6	145	1.5	4	10	7.6	1.8
ADSS-PE	24	12.5±0.5	6	125	1.5	4	10	7.6	1.8
ADSS-AT	12	12.5±0.5	6	145	1.5	4	10	7.6	1.8
ADSS-PE	24	12.5±0.5	6	125	1.5	4	10	7.6	1.8

Stranded Loose Tube Aluminum and Steel Tape Armored Optical Fiber Cable

GYTA53



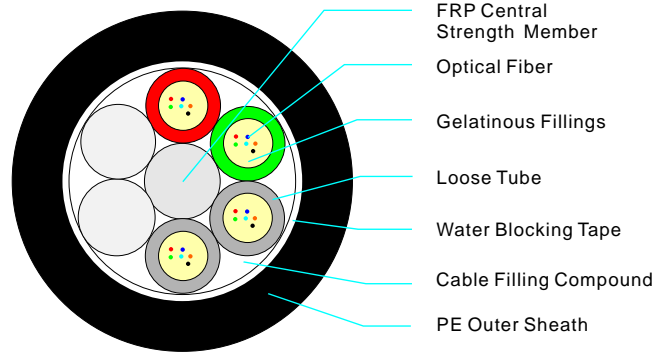
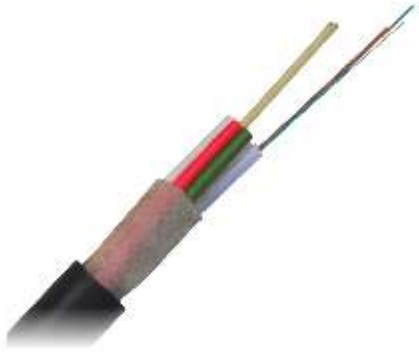
Features

- Double PE sheaths for moisture proof and ultra-violet rays resistant
- Armored steel tape for rodent protected, high tensile strength and crush resistance

Fiber Count	Nominal Outer Diameter	Nominal Weight	Min. Bend Radius		Max. Tensile Strength		Max. Crush Resistance
			Loaded	Installed	Short Term	Long Term	
	mm	kg/km	mm	mm	N	N	N / 100mm ²
2~60	14.0	248	25D	12.5D	3000	1000	3000
62~72	16.0	283	25D	12.5D	3000	1000	3000
74~96	17.0	325	25D	12.5D	3000	1000	3000
98~120	20.5	396	25D	12.5D	3000	1000	3000
122~144	22.0	442	25D	12.5D	3000	1000	3000

Stranded Loose Tube and Non-metallic Fiber Optic Cable

GYFTY



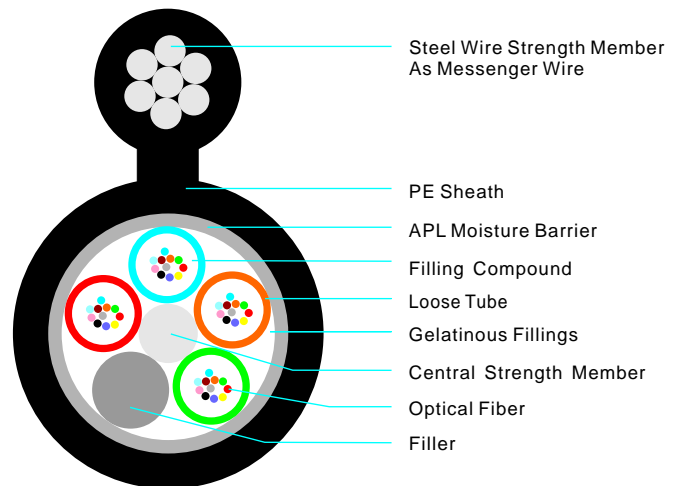
Features

- High strength loose tube is hydrolysis resistant and filled with moisture.
- proof and water blocking compound ensure no longitudinal water ingress.
- Special designed compact structure to prevent loose tubes from shrinking.
- Polyethene outer jacket can resist deterioration from ultra-violet (UV) rays.

Fiber Count	Nominal Outer Diameter	Nominal Weight	Min. Bend Radius		Max. Tensile Strength		Max. Crush Resistance
			Loaded	Installed	Short Term	Long Term	
	mm	kg/km	mm	mm	N	N	N / 100mm ²
2~12	10.6	124	20D	10D	3000	1000	3000
14~24	12.5	149	20D	10D	3000	1000	3000
26~36	14.0	190	20D	10D	3000	1000	3000
38~48	15.0	216	20D	10D	3000	1000	3000

Figure 8 Optical Fiber with Aluminum Tape Armored

GYTC8A

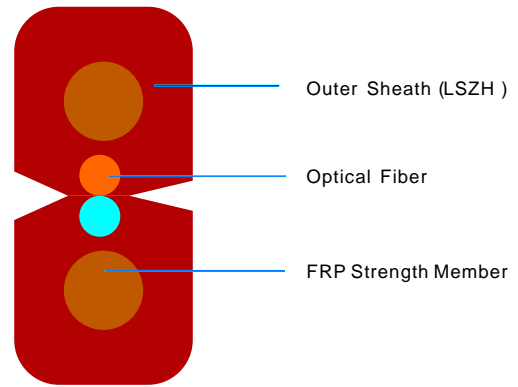
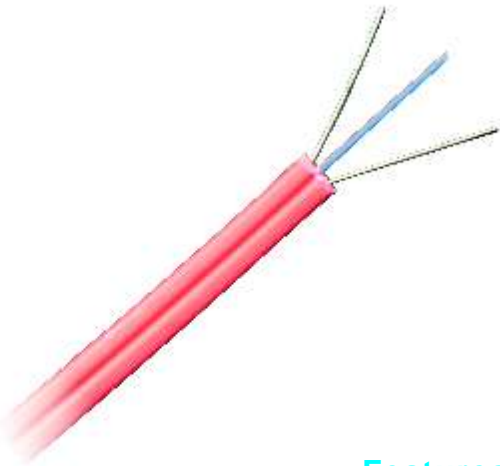


Features

- Compact structure and flexibility
- Corrugated steel tape laminated for moisture proof and crush resistance
- Stranded steel messenger wire for self-support aerial installation

Fiber Count	Nominal Outer Diameter	Nominal Weight	Min. Bend Radius		Max. Tensile Strength		Max. Crush Resistance
			Loaded	Installed	Short Term	Long Term	
	mm	kg/km	mm	mm	N	N	N / 100mm ²
2~24	9.7+4.8	160	20D	10D	3000	1000	1000
26~36	11.3+4.7	215	20D	10D	3000	1000	1000
38~72	12.2+4.7	235	20D	10D	3000	1000	1000

FTTH Optical Fiber Cable

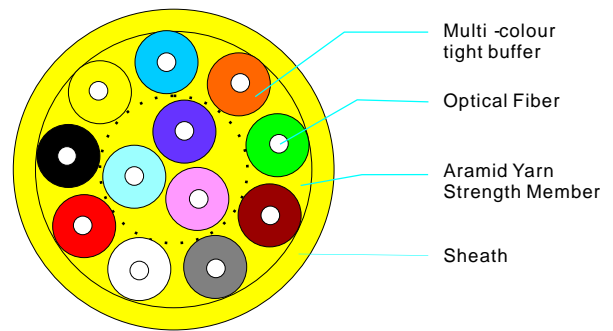
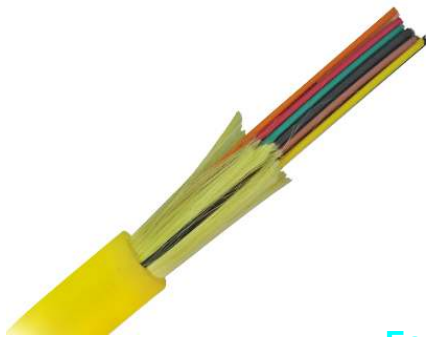


Features

- High bandwidth and excellent transmission property
- Twin FRP strength member for good physical performance
- Flexibility for installation and maintenance
- LSZH sheath

Fiber Count	Nominal Outer Diameter	Nominal Weight	Min. Bend Radius		Max. Tensile Strength		Max. Crush Resistance
			Loaded	Installed	Short Term	Long Term	
	mm	kg/km	mm	mm	N	N	N / 100mm ²
1	3.1x2.0	9.6	30	15	70	20	1000
2	3.1x2.0	9.6	30	15	70	20	1000

Distribution Optical Fiber Cable

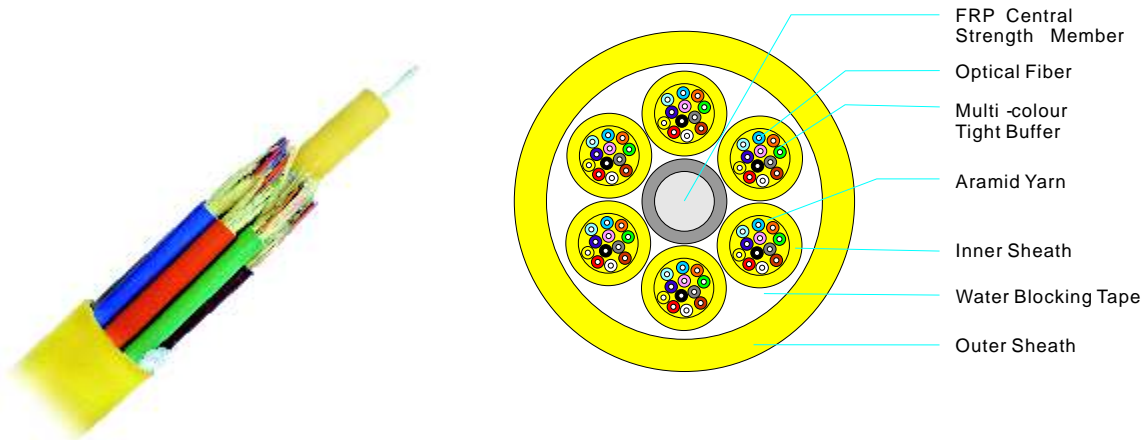


Features

- Aramid yarn for high tensile strength
- Flexibility for installation and maintenance
- LSZH or PVC sheath for internal use

Fiber Count	Nominal Outer Diameter	Nominal Weight	Min. Bend Radius		Max. Tensile Strength		Max. Crush Resistance
			Loaded	Installed	Short Term	Long Term	
	mm	kg/km	mm	mm	N	N	N / 100mm ²
4	4.8	19	20D	10D	270	90	1000
6	5.2	23	20D	10D	330	110	1000
8	6.2	29	20D	10D	480	160	1000
12	6.8	38	20D	10D	600	200	1000
16	7.4	53	20D	10D	660	220	1000
24	8.2	60	20D	10D	720	240	1000

Breakout Optical Fiber Cable

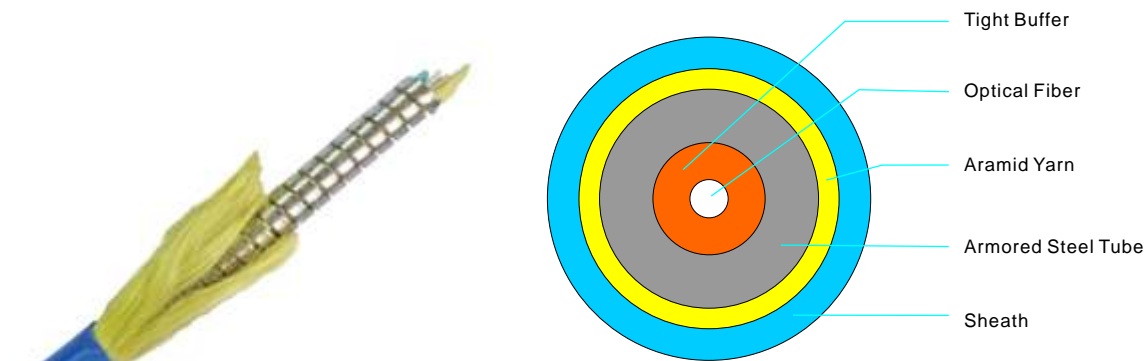


Features

- Aramid yarn for high tensile strength
- Breakout design for individual fiber routing
- LSZH or PVC sheath for internal use

Fiber Count	Nominal Outer Diameter	Nominal Weight	Min. Bend Radius		Max. Tensile Strength		Max. Crush Resistance
			Loaded	Installed	Short Term	Long Term	
	mm	kg/km	mm	mm	N	N	N / 100mm ²
16	5.0	170	20D	10D	1000	300	1000
24	5.0	180	20D	10D	1000	300	1000
36	19.0	210	20D	10D	1300	400	1000
48	20.0	250	20D	10D	1300	400	1000
72	21.0	300	20D	10D	1300	400	1000
96	25.0	460	20D	10D	1300	400	1000

Indoor Armored Optical Fiber Cable



Features

- Armored steel tube for good physical performance
- Soft, flexibility for connection
- Flame resistance sheath

Fiber Count	Nominal Outer Diameter	Nominal Weight	Min. Bend Radius	Max. Tensile Strength		Max. Crush Resistance	
				Short Term	Long Term	Short Term	LongTerm
	mm	kg/km	mm	mm	N	N	N / 100mm ²
1	2.8	18	25	400	200	5000	3000
2	3.2	20	25	400	200	5000	3000
4	5.9	65	65	800	600	5000	3000
6	5.9	67	65	800	600	5000	3000
8	6.9	75	65	800	600	5000	3000
12	6.9	79	65	800	600	5000	3000

GPX08W1



Specifications

The case is made of cold rolled steel sheet, electrostatic spraying, provide 12&24 adapter, available for FC/ST/SC/LC .

Width: 400mm Depth: 80mm Height: 380mm
 Weight: 4kg Color: Beige
 Cable entry 4 x Ø35mm gland holes

Installation accessories



12 Splicing Tray



Spool Cable Routing

Adapter Plate



6 ST Simplex



6 LC Duplex



6 SC Simplex



6 FC Simplex

GPX08W2



Specifications

The case is made of cold rolled steel sheet, electrostatic spraying, provide 12&24 adapter, available for FC/SC/LC .

Width: 400mm Depth: 80mm Height: 380mm

Weight: 4kg Color: Beige

Cable entry 2 x Ø50mm and 4 x Ø22mm gland holes

Installation accessories



12 Splicing Tray



Spool Cable Routing

Adapter Plate



6 FC Simplex



6 LC Duplex



6 SC Simplex



6 Adapter Plate

GPX08W4



Specifications

The case is made of cold rolled steel sheet, electrostatic spraying, provide 12&24 adapter, available for FC/SC/LC .

Width: 380mm Depth: 110mm Height: 380mm

Weight: 5.45kg Color: Beige

Cable entry 2 x Ø20mm gland holes

Installation accessories



12 Splicing Tray



Spool Cable Routing

Adapter Plate



6 FC Simplex



6 SC Simplex



6 LC Duplex



6 Adapter Plate

GPX08X4



Specifications

The case is made of cold rolled steel sheet, electrostatic spraying, provide 12&48 single and double adapter, available for SC/LC .

Length: 483mm Width: 206mm Height: 1U
Weight: 3.1kg Color: Beige/Black
Cable entry 4 x Ø20mm gland holes

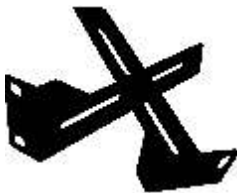
Installation accessories



12 Splicing Tray



Spool Cable Routing



Mounting Brackets

Adapter Plate



12 SC Simplex



24 SC Simplex



6 SC Duplex



12 SC Duplex



24 SC Duplex

GPX09X5



Specifications

The case is made of cold rolled steel sheet, electrostatic spraying, provide 12 single and double adapter, available for FC/ST/SC/LC .

Length: 483mm Width: 206mm Height: 1U
 Weight: 2.9kg Color: Beige/Black
 Cable entry 4 x Ø35mm gland holes

Installation accessories



12 Splicing Tray



Spool Cable Routing



Mounting Brackets

Adapter Plate



6 ST Simplex



6 LC Duplex



6 SC Simplex



6 FC Simplex

GPX07C1



Specifications

The case is made of cold rolled steel sheet, electrostatic spraying, provide 12&72 adapter, available for FC/SC/LC/DIN .

Length: 483mm Width: 300mm Height: 4U
Weight: 5.6kg Color: Beige

Installation accessories



Cable Guide



Mounting Brackets



Distribution Splicing Tray

GPX08D1



Description

GPX08D1 serial fiber terminal box can be applied in the straight through and branch connection of indoor optical cables.

Available for the distribution and terminal connection of various optical fiber system.

Fit for wall mounting, especially for mini-network terminal distribution.

8 outlets for adaptors, available for FC/SC/ST/LC.

Length: 250mm Width: 120mm Height: 38mm

Weight: 0.6kg Color: Black

Cable entry 2 x Ø16mm gland holes

GPX09D2



Description

GPX09D2 serial fiber terminal box can be applied in the straight through and branch connection of indoor optical cables.

Available for the distribution and terminal connection of various optical fiber system.

Fit for wall mounting, especially for mini-network terminal distribution.

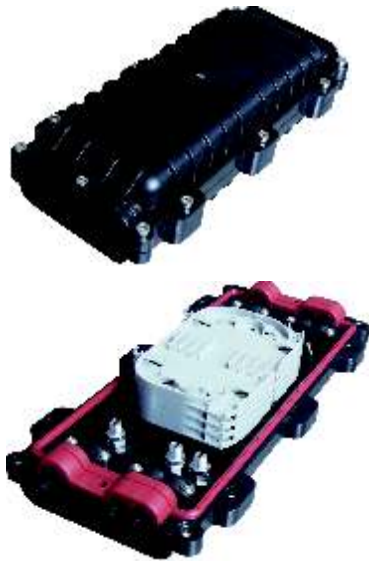
12 outlets for adaptors, available for FC/SC/ST/LC.

Length: 280mm Width: 160mm Height: 50mm

Weight: 1.25kg Color: White

Cable entry 2 x Ø20mm gland holes

CJS08H1



Description

The closure allows three cables in and three cables out.
 High aging and corrosion resistance
 Excellent mechanical performance
 Sealed by silicone gasket for a long term reliability .
 Compact design and standard accessories
 The closure can be opened and used again.

Length: 360mm Width: 180mm Height: 100mm
 Weight: 2.0kg Color: Black
 Cable entry 2 x Ø15mm, 4 x Ø10mm gland holes
 IP68 can test

CJS08E5



Description

The CJS08E5 closure allows three cables in and three cables out.
 It accommodates the splicing and branching of the cable which is used in aerial-hanger, wall-mounting or direct buried.
 The closure is an openable box which is made from high-quality PC.
 The closure and the foundation plate are sealed with silicon Gum Material which fixes tightly by hoop.
 The entry ports are sealed by heat-shrinkable tube.
 The closure can be opened and used again.

Height: 440mm Diameter: Ø212mm
 Weight: 1.95kg Color: Black
 IP68 can test

SC Connector Series



Easy to assemble one piece SC connector body ;
Singlemode or Multimode
Simplex or Duplex
Compliant with Telcordia GR-326-CORE specification.

FC Connector Series



Screw-on Mechanism ;
Singlemode or Multimode ;
Simplex only ;
Compliant with Telcordia GR-326-CORE specification.

LC Connector Series



RJ-45 style ;Small Form Factor ;
Singlemode or Multimode
Simplex or Duplex
Compliant with Telcordia GR-326-CORE specification.

ST Connector Series



Twist-on Mechanism ;
Singlemode or Multimode ;
Simplex only ;
Compliant with Telcordia GR-326-CORE specification.

MTRJ / MU / DIN Connector Series



Plug-jack(RJ-45) design ;
Duplex ferrule.
Compact, push-pull design ;
High precision alignment.
Corrosion resistant body ;
Compatible with DIN47256.

SC Patchcord Series



PC and APC polishing
 Hybrid patch-cords are available upon request
 Fan-out available
 Pigtail available

FC ST Patchcord Series



Simplex and Duplex
 PC and APC polishing
 Hybrid patch-cords are available upon request
 Fan-out, Pigtail available

LC Patchcord Series



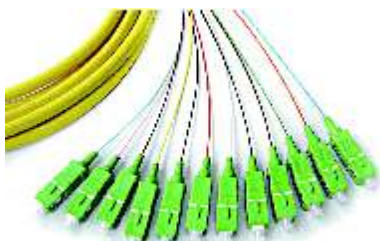
PC and APC polishing
 Hybrid patch-cords are available upon request
 Fan-out available
 Pigtail available

Waterproof Series



PC ,UPC ,APC polishing optional ;
 Fits existing cabling scheme ;
 Customer lengths or connector are available upon request .

Fan-out Series



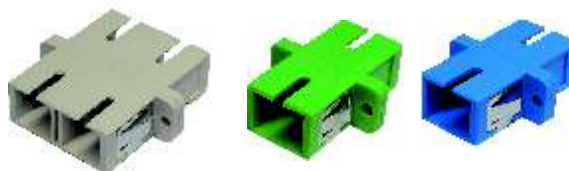
4,6,8 and 12 fiber count available ;
 2mm or 900um fan-out tube ;
 High tensile strength ;
 Save duct space and installation time.

FC / ST Adapter Series



Fixed type ;
Metal Body ;
Available in Square,solid,rectangular,D-shaped,Oval type.

SC Adapter Series



Plastic and Metal ;
Simplex and Duplex ;
Singlemode and Multimode ;

LC Adapter Series



Simplex ,Duplex and Quad;
Flanged ,SC Footprint type;
Self -adjusting panel latch;
Duplex polarity labeled A /B.

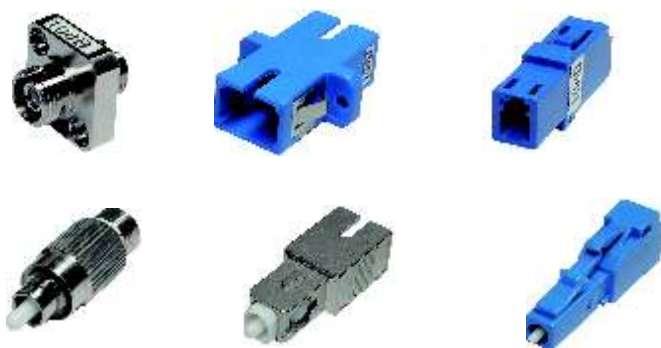
Hybrid Adapter Series



Specifications

Parameters	Value
Insertion Loss	≤0.20dB
Repeatability	≤0.10dB
Operating Temperature	-25°C ~ +70°C
Storage Temperature	-40°C ~ +80°C

Fix Attenuator Series



Singlemode and Multimode ;
Low insertion loss and back reflection ;
Definable attenuation from 1dB to 20dB ;
Available with FC,SC,LC and MU terminations.

Specifications

Parameters	Value
Operating WaveLength	1310/1550 nm
Attenuation Values	1,3,5,10,15,20... dB
Attenuation Accuracy	±10% dB
Operating Temperature	-25°C ~ +70°C
Storage Temperature	-40°C ~ +80°C

Mode Conditioning Patchcord



IEEE -802.3Z (Gigabit Ethernet) compliant ;
 Fits existing cabling scheme ;
 Customer lengths or connector are available upon request .

Loopback Series



Protected fiber loop ;
 Available with Singlemode and multimode ;
 Short Length ;
 Attenuated versions available.

Specifications

Parameters	Value
Insertion Loss	≤0.30dB
Return Loss	MM≥35dB SM≥50dB(APC≥60dB)
Operating Temperature	-25℃ ~ +70℃
Storage Temperature	-40℃ ~ +80℃

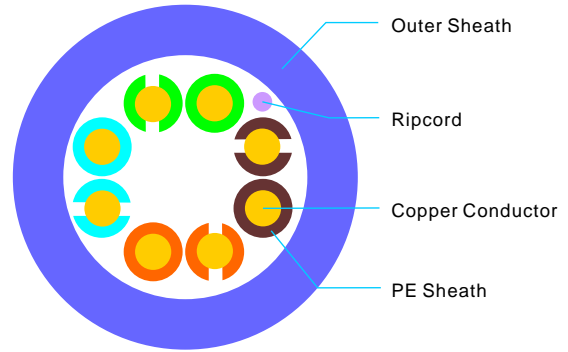
Toolbox



The toolbox is main used to install , maintain ,inspect and repaire for the optical fibers .It provides the soluti-ons for the fiber 's cutting , stripping , cleaning and the cutting of optical fiber facing .To be a nes-essary tool for the optical fiber cable communi-cations maintaining department .

it is widely used in communication , electricity , national defense and so on .

Cat5e Unshielded Twisted Pair

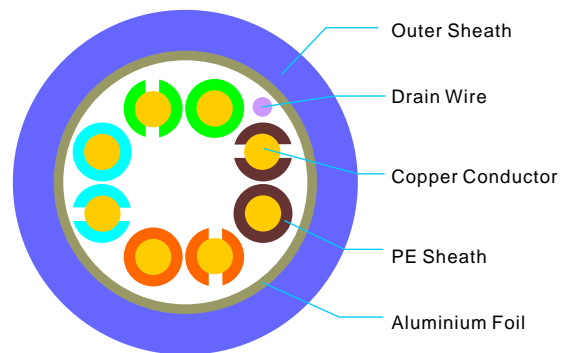
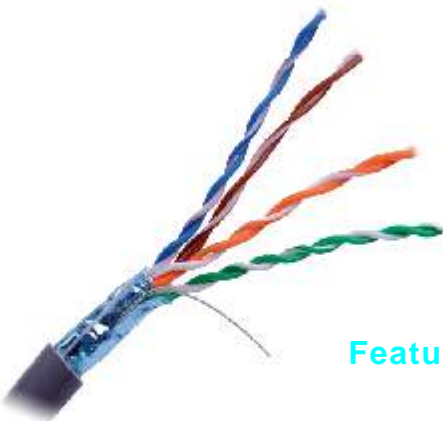


Features

- Applicable to 10BASE-T, 100Base-T, 1000Base-T
- Frequency: 100MHz
- Impedance: 100±15 OHM
- Outer Sheath: PVC/LSOH/LSFROH
- Reference Standard : ISO/IEC 11801 ANSI/TIA/EIA568-A

Number Of Pairs	Sheat Material	Conductor Diameter	Insulation Diameter	Insulation Color	Cable Diameter	Weight
		mm	mm	mm	mm	kg / km
4	PVC	24AWG	0.9±0.02PE	ORANGE / White-Orange	4.8±0.02	27.5
	LSOH			BLUE / White-Blue		28
	LSFROH			GREEN / White-Green		30
				BROWN / White-Brown		

Cat5e Shielded Twisted Pair

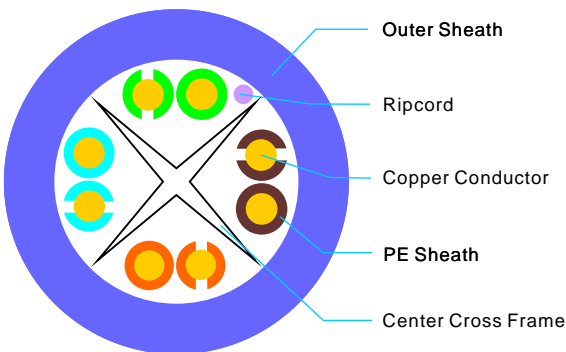


Features

- Applicable to 10BASE-T, 100Base-T, 1000Base-T
- Frequency:100MHz
- Impedance:100±15 OHM
- Shield:Aluminium foil and drain wire
- Outer Sheath:PVC/LSOH/LSFROH
- Reference Standard :ISO/IEC 11801 ANSI/TIA/EIA568-A

Number Of Pairs	Sheat Material	Conductor Diameter	Insulation Diameter	Insulation Color	Cable Diameter	Weight
		mm	mm	mm	mm	kg / km
4	PVC	24AWG	0.9±0.02PE	ORANGE / White-Orange	4.8±0.02	27.5
	LSOH			BLUE / White-Blue		28
	LSFROH			GREEN / White-Green		30
				BROWN / White-Brown		

Cat6 Unshielded Twisted Pair

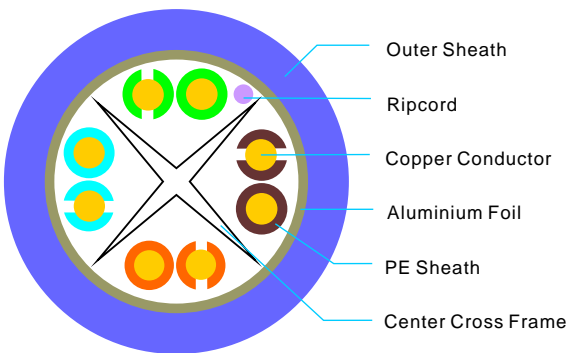


Features

- Applicable to 10BASE-T, 100Base-T, 155MB/s ATM, 1000Base-T
- Frequency: 250MHz
- Impedance: 100±22 OHM
- Outer Sheath: PVC/LSOH/LSFROH
- Reference Standard : ISO/IEC 11801 ANSI/TIA/EIA568-B

Number Of Pairs	Sheat Material	Conductor Diameter	Insulation Diameter	Insulation Color	Cable Diameter	Weight
		mm	mm	mm	mm	kg / km
4	PVC LSOH LSFROH	23AWG	1.0±0.02PE	ORANGE / White-Orange BLUE / White-Blue GREEN / White-Green BROWN / White-Brown	6.1±0.4	/

Cat6 Shielded Twisted Pair



Features

- Applicable to 10BASE-T, 100Base-T, 155MB/s ATM, 1000Base-T
- Frequency: 250MHz
- Impedance: 100±22 OHM
- Shield: Aluminium foil and drain wire
- Outer Sheath: PVC/LSOH/LSFROH
- Reference Standard : ISO/IEC 11801 ANSI/TIA/EIA568-B

Number Of Pairs	Sheat Material	Conductor Diameter	Insulation Diameter	Insulation Color	Cable Diameter	Weight
		mm	mm	mm	mm	kg / km
4	PVC LSOH LSFROH	0.57±0.01 24AWG	1.15±0.02PE	ORANGE / White-Orange BLUE / White-Blue GREEN / White-Green BROWN / White-Brown	7.4±0.2	58 60 /

Cat5e Twisted Patchcord

Features:

- Multi-core flexible cables, patch cords, good flexibility
- Have higher Performance Margin to ensure excellent system performance
- The frequency Meet or exceed the standard of 100MHz
- Meet the standard ANS/TIA/EIA568B.1
- In line with ISO/IEC11801 standards
- Meet the UL Flame-retardant grade requirements



Cat5e UTP Patchcord



Cat5e STP Patchcord

Cat6 Twisted Patchcord

Features:

- Multi-core flexible cables, patch cords, good flexibility
- Have higher Performance Margin to ensure excellent system performance
- The frequency Meet or exceed the standard of 250MHz
- Meet the standard ANS/TIA/EIA568B.2
- In line with ISO/IEC11801 standards
- Meet the UL Flame-retardant grade requirements



Cat6 UTP Patchcord



Cat6 STP Patchcord

Info Panel



Features:

- Waterproof, dustproof, shockproof, high impact resistance
- Button-bit design, effectively prevent the transport, the construction of dirty panels
- High-strength structural design, to ensure a solid, reliable
- Modular structure, application flexibility of the best
- Not add to the harmful additives

Parameters:

- Operating temperature: -20 ? to 70 ?
- Humidity: 95%

Performance:

- In line with China's national standard, 86-type panel
- Meet the ROHS requirements
- Fire rating: 94V-0

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