



[www.premiumline-cabling.com](http://www.premiumline-cabling.com)

## ***Structured Cabling System***

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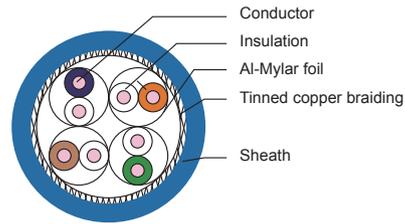
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Unshielded Category 6A/6/5e/5/3 Installation Cable (U/UTP) .....	03-04
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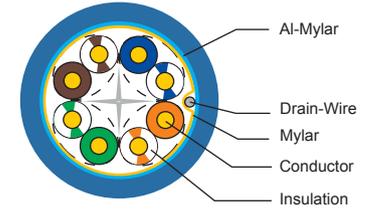
## Category 6A+ S/FTP 1000MHz

- Conductor: Bare Copper/23 AWG
- Sheath Material: LSOH
- Sheath Diameter: 7.4±0.3 mm



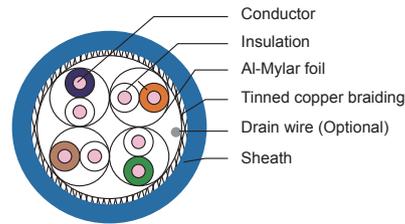
## Category 6 F/UTP 250MHz

- Conductor: Bare Copper/23 AWG
- Sheath Material: PVC/LSOH
- Sheath Diameter: 7.4±0.4 mm



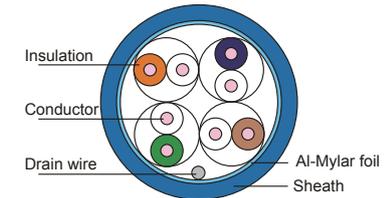
## Category 7/6A S/FTP 600MHz

- Conductor: Bare Copper/23 AWG
- Sheath Material: LSOH
- Sheath Diameter: 7.4±0.3 mm



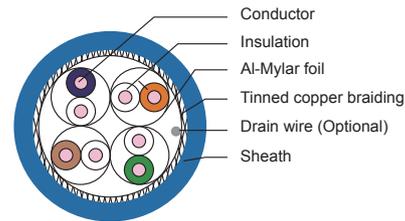
## Category 5e F/UTP 100MHz

- Conductor: Bare Copper/24 AWG
- Sheath Material: PVC/LSOH
- Sheath Diameter: 6.0±0.3 mm



## Category 6 U/FTP 450MHz

- Conductor: Bare Copper/23 AWG
- Sheath Material: PVC/LSOH
- Sheath Diameter: 7.2±0.3 mm



### Order Information

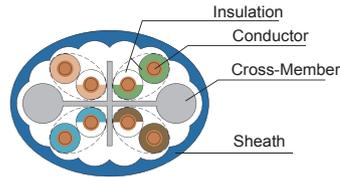
Part No.	Description
204442220	Premium Line Category 6A+ S/FTP Installation Cable, 500m Reel, LSOH, 1000 MHz
207442225	Premium Line Category 7/ Category 6A S/FTP Installation Cable, 500 m Reel, LSOH, 600 MHz
206641225	Premium Line Category 6 U/FTP Installation cable, 500 m Reel, PVC, Grey
206642225	Premium Line Category 6 U/FTP Installation cable, 500 m Reel, LSOH, Grey

### Order Information

Part No.	Description
206241125	Premium Line Category 6 F/UTP Installation Cable, 305 m Reel, PVC, Grey
206242125	Premium Line Category 6 F/UTP Installation Cable, 305 m Reel, LSOH, Grey
205241115	Premium Line Category 5e F/UTP Installation Cable, 305 m Box, PVC
205242115	Premium Line Category 5e F/UTP Installation Cable, 305 m Box, LSOH

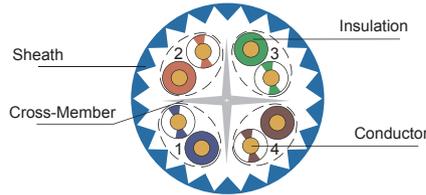
## Category 6A U/UTP 500MHz

- Conductor: Bare Copper/23 AWG
- Sheath Material: PVC / LSOH
- Sheath Diameter: 10.5×7.0 mm



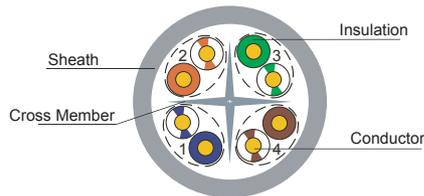
## Category 6A U/UTP 500MHz

- Conductor: Bare Copper/23 AWG
- Sheath Material: PVC/LSOH
- Sheath Diameter: 7.5±0.3 mm



## Category 6 U/UTP 250MHz

- Conductor: Bare Copper/23 AWG
- Sheath Material: PVC/LSOH
- Sheath Diameter: 6.2±0.3 mm

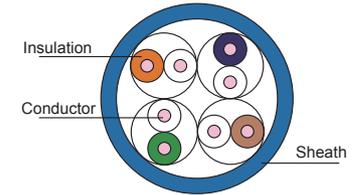


### Order Information

Part No.	Description
209941225	Premium Line Category 6A U/UTP Installation Cable, 500 m Reel, PVC, 500 MHz
209942225	Premium Line Category 6A U/UTP Installation Cable, 500 m Reel, LSOH, 500 MHz
209141225	Premium Line Category 6A U/UTP Installation Cable, 500 m Reel, PVC, 500 MHz
209142225	Premium Line Category 6A U/UTP Installation Cable, 500 m Reel, LSOH, 500 MHz
206141115	Premium Line Category 6 U/UTP Installation Cable, 305m Box, PVC, Grey
206142115	Premium Line Category 6 U/UTP Installation Cable, 305m Box, LSOH, Grey

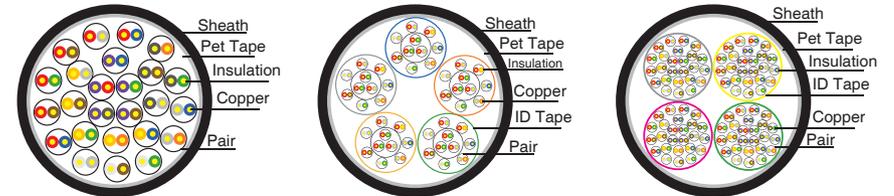
## Category 5e U/UTP 100MHz

- Conductor: Bare Copper/23 AWG
- Sheath Material: PVC/LSOH
- Sheath Diameter: 5.2±0.3 mm



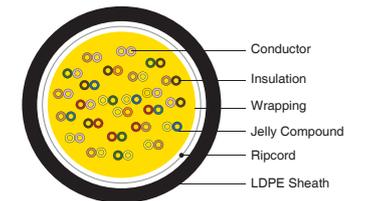
## Category 5&3 U/UTP Indoor Multipair Cable

- Conductor: 24 AWG Soft Plain Copper
- Sheath Material: PVC



## Category 3 U/UTP Outdoor Gel Filled Multipair cable

- Conductor: 0.63±0.005MM Plain copper conductor
- Sheath Material: LDPE

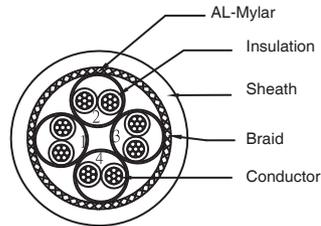


### Order Information

Part No.	Description
205141115	Premium Line Category 5e U/UTP Installation Cable, 305m Box, PVC
205142115	Premium Line Category 5e U/UTP Installation Cable, 305m Box, LSOH
201181225	Premium Line Category 5 U/UTP Multipair Cable, 25 Pairs, 500 m Reel, PVC
201191225	Premium Line Category 5 U/UTP Multipair Cable, 50 Pairs, 500 m Reel, PVC
203161225	Premium Line Category 3 U/UTP Multipair Cable, 5 Pairs, 500 m Reel, PVC
203181225	Premium Line Category 3 U/UTP Multipair Cable, 25 Pairs, 500 m Reel, PVC
203191225	Premium Line Category 3 U/UTP Multipair Cable, 50 Pairs, 500 m Reel, PVC
203111225	Premium Line Category 3 U/UTP Multipair Cable, 100 Pairs, 500 m Reel, PVC
723163222	Premium Line Category 3 U/UTP Multipair Cable, 25 Pairs, Outdoor Gel Filled, 500 m Reel, PE
723183222	Premium Line Category 3 U/UTP Multipair Cable, 50 pairs, Outdoor Gel Filled, 500 m Reel, PE
723193222	Premium Line Category 3 U/UTP Multipair Cable, 100 pairs, Outdoor Gel Filled, 500 m Reel, PE

# Premium Line Patch Cord

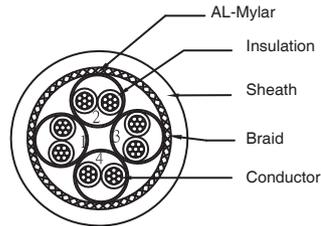
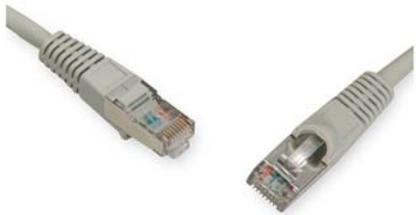
## Category 6A+ S/FTP Patch Cord



### Construction

Conductor	Material / size	Bare Copper / 26 AWG
Insulation	Material	Foam-Skin PE
Inner-Shield	Material	An aluminum foil screen around each pair
Braid	Material	Tinned Copper
	Coverage	Nom. 48%
Sheath	Material	LSOH
	Diameter	5.7± 0.3 mm

## Category 6A S/FTP Patch Cord



### Construction

Conductor	Material / size	Bare Copper / 26 AWG
Insulation	Material	Foam-Skin PE
Inner-Shield	Material	an aluminum foil screen around each pair
Braid	Material	Tinned Copper
	Coverage	Nom. 48%
Sheath	Material	PVC / LSOH
	Diameter	5.7± 0.3 mm

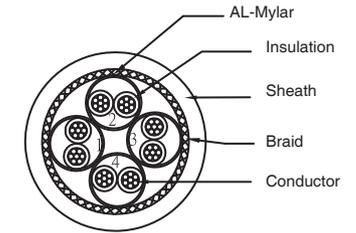
### Order Information

Part No.	Description
18842YYYZ	Premium Line Category.6A+ S/FTP Patch Cord, LSOH, 26AWG
18942YYYZ	Premium Line Category.6A S/FTP Patch Cord, LSOH, 26AWG

"YYY", 005 = 0.5m; 010 = 1.0m; 020 = 2.0m; 030 = 3.0m; 050 = 5.0m; 070 = 7.0m; 100 = 10.0m  
 "Z", 3 = Red; 4 = Blue; 5 = Grey; 6 = Green; 8 = Yellow

# Premium Line Patch Cord

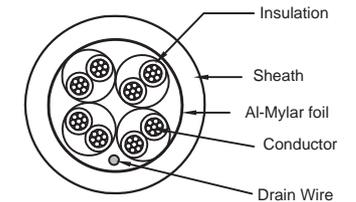
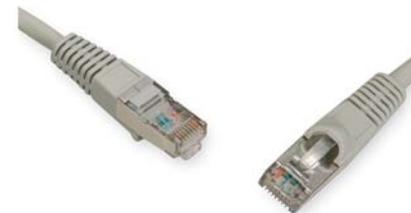
## Category 6 S/FTP Patch Cord



### Construction

Conductor	Material / size	Bare Copper / 26 AWG
Insulation	Construction	7/0.16 ± 0.005 mm
Inner-Shield	Material	Foam-Skin PE
Braid	Material	an aluminum foil screen around each pair
	Coverage	Tinned Copper
Sheath	Material	Nom. 48%
	Diameter	PVC / LSOH
		5.7± 0.3 mm

## Category 5e F/UTP Patch Cord



### Construction

Conductor	Material / size	Bare Copper / 26AWG
Insulation	Construction	7/0.16 ± 0.005 mm
Inner-Shield	Material	Foam-Skin PE
Braid	Material	an aluminum foil screen over all pairs
		Stranded Tinned Copper
Sheath	Material	PVC
	Diameter	LSOH
		5.6± 0.3 mm
		5.6 ± 0.3 mm

### Order Information

Part No.	Description
1864XXXXZ	Premium Line Category.6 S/FTP Patch Cord, 26AWG
1852XXXXZ	Premium Line Category.5e F/UTP Patch Cord, 26AWG

"X", 1 = PVC; 2 = LSOH  
 "YYY", 005 = 0.5m; 010 = 1.0m; 020 = 2.0m; 030 = 3.0m; 050 = 5.0m; 070 = 7.0m; 100 = 10.0m  
 "Z", 3 = Red; 4 = Blue; 5 = Grey; 6 = Green; 8 = Yellow

Category 6A U/UTP Patch Cord



Construction

Conductor	Material / size	Bare Copper / 24 AWG
	Construction	7/0.196 ± 0.01 mm
Insulation	Material	HDPE
	Material	PVC / LSOH
Sheath	Diameter	7.5 ± 0.3 mm

Category 5e U/UTP System Patch Cord



Construction

Conductor	Material / size	Bare Copper / 26AWG	
	Construction	7/0.16 ± 0.01 mm	
Insulation	Material	HDPE	
	Material	PVC	LSOH
Sheath	Diameter	5.3 ± 0.3 mm	5.3 ± 0.3 mm

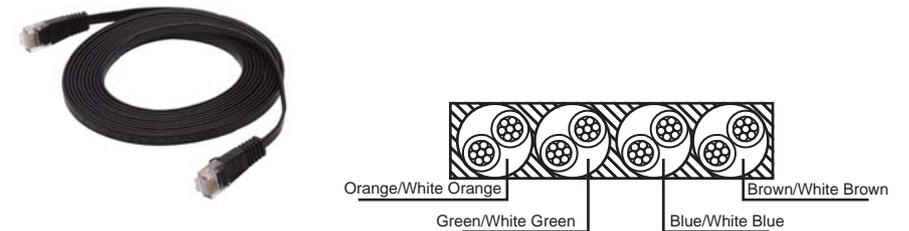
Category 6 U/UTP System Patch Cord



Construction

Conductor	Material / size	Bare Copper / 24 AWG
	Construction	7/0.196 ± 0.01 mm
Insulation	Material	HDPE
	Material	PVC / LSOH
Sheath	Diameter	5.8 ± 0.3 mm

Category 6 & 5e U/UTP Flat Patch Cord



Construction

Conductor	Material / size	Bare Copper / 30AWG	
Insulation	Material	HDPE	
	Material	PVC	LSOH
Sheath	Diameter	1.6 mm x 6.8 mm	1.6 mm x 6.8 mm

Category 6 U/UTP Retail Patch Cord



Construction

Conductor	Material / size	Bare Copper / 24 AWG
	Construction	7/0.196 ± 0.01 mm
Insulation	Material	HDPE
	Material	PVC / LSOH
Sheath	Diameter	5.8 ± 0.3 mm

Order Information

Part No.	Description
1891XXXX	Premium Line Category.6A U/UTP Patch Cord, 24AWG
1866XXXX	Premium Line Category.6 U/UTP System Patch Cord, 24AWG
1861XXXX	Premium Line Category.6 U/UTP Retail Patch Cord, 24AWG
1851XXXX	Premium Line Category.5e U/UTP System Patch Cord, 26AWG
1865XXXX	Premium Line Category.6 U/UTP Drop Flat Patch Cord, 30AWG
1855XXXX	Premium Line Category.5e U/UTP Drop Flat Patch Cord, 30AWG

"X", 1 = PVC; 2 = LSOH

"YYY", 005 = 0.5m; 010 = 1.0m; 020 = 2.0m; 030 = 3.0m; 050 = 5.0m; 070 = 7.0m; 100 = 10.0m

"Z", 3 = Red; 4 = Blue; 5 = Grey; 6 = Green; 8 = Yellow

**Category 6A Fully Shielded Keystone Jack 180D**

- Slim Size, Toolless Design
- ISO/IEC 11801 Class E<sub>A</sub> Compliant
- For 10G Applications



109824010

**Category 6A Shielded Keystone Jack 90D**

- Classical Design
- 10G Channel Applications
- 3P Verified



109211010

**Category 6 Fully Shielded Keystone Jack 180D**

- Classical Design, Toolless Design
- ISO/IEC 11801 Class E Compliant
- Be Compatible With All Kinds Modular Sockets and Panels



106524010

**Category 5e Fully Shielded Keystone Jack 180D**

- Slim Size, Toolless Design
- ISO/IEC 11801 Class EA Compliant
- Excellent Performance Available for Critical Places



105524010

**2/3U 19" Modular Panel, 24 Port**

- Compact Design, Space Saving
- Frontal Management Design for Most Convenient Experience
- Be Compatible with 180D Shielded & Unshielded Keystones



2/3U = using 2 holes space of 1U (3 holes)

178242402

**1U 19" Modular Panel, 24 Port**

- Classical Design for 180D Shielded Keystone Jack



170252402

**2U 19" Universal Modular Panel, 24 Port**

- Classical Design for All Kinds of Shielded and Unshielded Keystones



170042402

**Order Information**

Part No.	Description
109824010	Premium Line Category 6A 180° Shielded Die-casting Keystone Jack, Slim type
109211010	Premium Line Category 6A 90° Shielded Keystone Jack, Dual Type IDC
106524010	Premium Line Category 6 180° Shielded Die-Casting Keystone Jack
105524010	Premium Line Category 5e 180° Shielded Die-Casting Keystone Jack

**Order Information**

Part No.	Description
178242402	Modular Panel For Unshielded and Shielded Keystone Jack, 2/3U, Frontal Management
170252402	Premium Line High Density Shielded Unloaded Patch Panel with Integrated Bar
170042402	Premium line Unloaded Patch Panel with Cable Management Bar, 24 Port, Black

**Category 6A Unshielded Keystone Jack 180D**

- Compact Design, Classical Appearance
- Dual IDC Accept 110 or Krone Tools



109121010

**Category 6A Unshielded Keystone Jack 90D**

- Classical Design, For TO Side Fits With Modular Sockets
- Dual IDC Accept 110 or Krone Tools



109111010

**Category 6 Unshielded Keystone Jack 180D**

- Shutter or W/O Shutter Version Available
- Excellent Performance for 1000BASE-Tx Applications
- Be Compatible With All Kinds Modular Sockets and Panels



106121010

**Category 6 Unshielded Keystone Jack 90D**

- Dual IDC Accept 110 or Krone Tools
- Classical Design, For TO Side Fits With Modular Sockets
- Slim Version Available, Be Compatible With All Kinds Modular Sockets and Panels



106111010

**Order Information**

Part No.	Description
109121010	Premium Line Category 6A 180° Unshielded Keystone Jack, Dual Type IDC, White
109111010	Premium Line Category 6A 90° Unshielded Keystone Jack, Dual Type IDC, White
106121010	Premium Line Category 6 180° Unshielded Keystone Jack, Dual Type IDC, White
106111010	Premium Line Category 6 90° Unshielded Keystone Jack, Dual Type IDC, White

**Category 5e Unshielded Keystone Jack 180D**

- Dual IDC Accept 110 or Krone Tools
- Be Compatible With All Kinds Modular Sockets and Panels
- Excellent Performance for Data & Voice Applications Up To 1000BASE-T



105121010

**Category 5e Unshielded Keystone Jack 90D**

- Dual IDC Accept 110 or Krone Tools
- Classical Design, For TO Side Fits With Modular Sockets



105111010

**Unshielded Toolless Keystone Jack**

- Category 6 & Category 5e Version Available
- Toolless for Convenient Operation Experience



106114010

**1U 19" Modular Panel, 24 Port**

- Category Icon and Remark Position Reserved
- Classical Design for Unshielded 180D & 90D Slim Keystone Jacks



171022402

**Order Information**

Part No.	Description
105121010	Premium Line Category 5e 180° Unshielded Keystone Jack, Dual Type IDC, White
105111010	Premium Line Category 5e 90° Unshielded Keystone Jack, Dual Type IDC, White
106114010	Premium Line Category 6 180° Unshielded Toolless Keystone Jack, White
171022402	Premium Line 24port High Density Unloaded Patch Panel for Unshielded Keystone Jacks, Black

## Premium Line Patch Panel

### 1U 19" Category 6 Shielded Panel, 24 Port

- Dual IDC Accept 110 or Krone Tools
- Fully Shielded Structure, Ideal for Severe EMI Places
- ETL Verified



176212412

### 0.5U 19" Category 6 Shielded Panel, 24 Port

- Space Saving Design
- Dual IDC Accept 110 or Krone Tools
- Fully Shielded Structure, Ideal for Severe EMI Places



176272412

### 1U 19" Category 5e Shielded Panel, 24 Port

- Dual IDC Accept 110 or Krone Tools
- Fully Shielded Structure, Ideal for Severe EMI Places
- ETL Verified



175212412

#### Order Information

Part No.	Description
176212412	Premium Line Category 6 24port Shielded Patch Panel, Dual Type IDC, Black
176272412	Premium Line Category 6 24port Shielded Patch Panel, 0.5U, Dual Type IDC, Black
175212412	Premium Line Category 5e 24port Shielded Patch Panel, Dual Type IDC, Black

## Premium Line Patch Panel

### 1U 19" Category 6 Unshielded Panel, 24 Port

- Classical 180D Wiring Design
- Dual IDC Accept 110 or Krone Tools
- ETL Verified
- 2U 48port on request



176122412

### 1U 19" Category 5e Unshielded Panel, 24 Port

- Classical 180D Wiring Design
- Dual IDC Accept 110 or Krone Tools
- ETL Verified
- 2U 48port on request



175122412

### 0.5U 19" Category 6 / Category 5e Unshielded Panel, 24 Port

- Space Saving Design
- Wiring Same as 180D Keystone Jack
- Individual Wiring Cap Secures the Termination
- Backside Click on Management Bar, Easy Installation



175182412

### 1U 19" Category 6 / Category 5e Unshielded Panel, 48 Port

- Space Saving Design
- Wiring Same as 180D Keystone Jack
- Individual Wiring Cap Secures the Termination
- Backside Click on Management Bar, Easy Installation



176144812

#### Order Information

Part No.	Description
176122412	Premium Line Category 6 24port Unshielded Patch Panel, Dual Type IDC, Black
175122412	Premium Line Category 5e 24port Unshielded Patch Panel, Dual Type IDC, Black
175182412	Premium Line Category 5e 0.5U UTP Patch Panel With Cable Management Bar, 24 Ports
176182412	Premium Line Category 6 0.5U UTP Patch Panel With Cable Management Bar, 24 Ports
175144812	Premium Line Category 5e 1U UTP Patch Panel With Cable Management Bar, 48 Ports
176144812	Premium Line Category 6 1U UTP Patch Panel With Cable Management Bar, 48 Ports

## Navigator Patch System

Using tone generators you may be forced to separate bundled cables due to weak signal. The Navigator Patch System keeps your cabinet neat. Simply connect the signal transmitter to the outlet to find the opposite position at the patch panel.

### Features

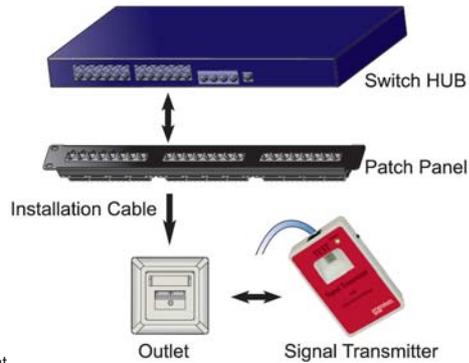
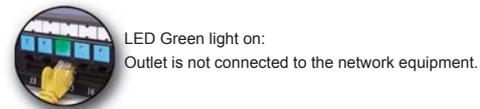
1. Performance conforms to ANSI/TIA-568-C.2, ISO/IEC 11801 and EN 50173-1 Category 5e and 6 specifications.
2. Supports T568 A&B Wiring & Easy installation.
3. Terminate using 110 or Krone tools.
4. Backward compatible to Category 5e, 5, and 3.
5. IDC connector can accept 22-26 AWG solid and stranded cables.

### Approval

- ETL verified to ANSI/TIA-568-B.2-1 Permanent Link.
- ETL verified channel to ANSI/TIA-568-B.2 Category 5e.

### Application

- 1000BASE-TX Gigabit Ethernet
- 100BASE-TX Fast Ethernet
- 10BASE-TX Ethernet
- Voice, Video and other application



## Order Information

Part No.	Description
175522412	Premium Line Category 5e Unshielded Navigator Patch Panel, Dual Type IDC, 24 Ports, Black
176522422	Premium Line Category 6 Unshielded Navigator Patch Panel, Krone Type IDC, 24 ports, Black
175612412	Premium Line Category 5e Shielded Navigator Patch Panel, Dual Type IDC, 24 Ports, Black
176612412	Premium Line Category 6 Shielded Navigator Patch Panel, Dual Type IDC, 24 Ports, Black
175362412	Premium Line Category 5e 45° Unshielded Navigator Patch Panel with Labeling Holder, Dual Type IDC, 24 Ports, Black
176362412	Premium Line Category 6 45° Unshielded Navigator Patch Panel with Labeling Holder, Dual Type IDC, 24 Ports, Black
194800000	Premium Line Signal Transmitter for Navigator Patch Panel

## Face Plate

- Secures to any surface, drywall, baseboard, and even modular furniture
- 100% compatible with standard wall(face ) plates
- Keystone jacks can be snapped in and out easily
- Comes with hidden mounting screws and clear outlet ID labels
- Apply UL-94V-0 high-impact, fire-retardant ABS resin
- Comes in models to accommodate 1/2/3/4 inserts and shuttered dust cover



## Industrial Toolless RJ45 Plug

Toolless modular plugs are special designed for industrial applications, and also are an ideal solution of creating customized lengths of modular network cables. The modular plugs are manufactured from high-impact clear polycarbonate to withstand everyday wear and tear. You can expect error-free data transfers.

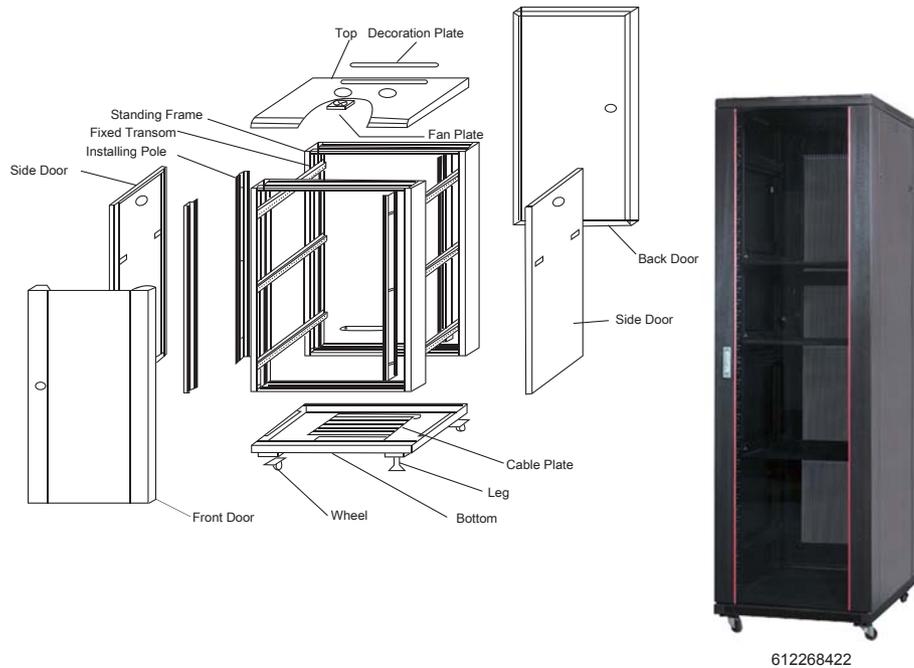


## Order Information

Part No.	Description
121121210	Euro II Face Plate, Right-angle, 90° Entry, 86x86, Snap-In, w/ Shutter, 1-port, White
121112210	Euro II Face Plate, Right-angle, 45° Entry, 86x86, Snap-In, w/ Shutter, 2-port, White
121211210	Euro III Face Plate, Bevel, 45° Entry, 86x86, Snap-In, w/ Shutter, 1-port, White
121521210	French Style Face Plate, Bevel, 90° Entry, 80x80, Snap-In, w/ Shutter, 1-port, white
121522210	French Style Face Plate, Bevel, 90° Entry, 80x80, Snap-In, w/ Shutter, 2-port, white
121900290	French Style Face Plate, w/Metal Frame, Bevel, 80x80, Snap-In, RAL9010
121822010	USA III Face Plate, 90° Entry, 70x115, Integral Molding, w/o Icon, 2-port, White
121823010	USA III Face Plate, 90° Entry, 70x115, Integral Molding, w/o Icon, 3-port, White
121721110	USA Face Plate, 90° Entry, Integral Molding, Shutter Type w/icon, 1-Port, White
155100002	Premium Line Category 5e Unshielded Toolless RJ45 Plug, Black
156100002	Premium Line Category 6 Unshielded Toolless RJ45 Plug, Black

## Network Server Cabinet

- With fixed 19" installation on the front and rear for components according to IEC 297-3
- Detachable composite structure
- Cable entry via bottom and top cover
- Vertical cabinet can move backwards and forwards and adjust up and down to mount instrument
- Fan heat dispatch device
- Door opening 180° angle
- Equipped with castors and adjustable fixed feet
- High strength toughened glass frameless or perforated metallic front door is simple and beautiful
- Comply with ANSI /EIA RS-310-D, VDE 0100T 540 for grounding requirement, IEC 529/DIN 40050 for IP requirement
- All are made of quality zinc-plated mild steel sheets
- Material thick :19"mounting bar 2.0mm ,the whole framework 1.2mm and each door 1.2mm
- Surface treatment :Degreasing rust cleaning ,antirust phosphorizing and coating



612268422

### Order Information

Type	Dimensions (mm)			Weight (kg)	Part No.
	Width	Depth	Height		
27U	600	800	1400	73	612x68272
32U	600	800	1600	78	612x68322
37U	600	800	1800	95	612x68372
42U	600	800	2000	115	612x68422
	800	800	2000	135	612x68422

x=1 stands for perforated metal front door ; x=2 stands for glass front door; RAL7035 color upon request

## Wall Mount Cabinet

### Dual Section - Assembled Type

- Cable entry from top and bottom
- Top cover ready for cooling fan installation
- 60 kg static loading capacity
- Toughened glass front door with over 180° angle
- Lockable side door easy to open for installation
- Fixed 100mm back section space



614264092

### Order Information

Type	Dimensions (mm)			Weight (kg)	Part No.
	Width	Depth	Height		
6U	600	450+100	368	19	614264062
9U	600	450+100	501	25	614264092
12U	600	450+100	635	30	614264122
15U	600	450+100	769	32	614264152
18U	600	450+100	901	38	614264182

## Wall Mount Cabinet

### Single Section - Assembled Type

- Cable entry from top and bottom
- Top cover ready for cooling fan installation
- 60 kg static loading capacity
- Toughened glass front door with over 180° angle



611264065

### Order Information

Type	Dimensions (mm)			Weight (kg)	Part No.
	Width	Depth	Height		
6U	600	450	368	16	611264065
9U	600	450	501	23	611264095
12U	600	450	635	27	611264125
15U	600	450	769	29	611264155
18U	600	450	901	36	611264185

## Accessory



624400002



625100002



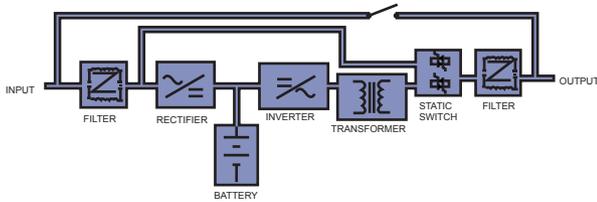
196000050

### Order Information

Part No.	Description
624400002	19"Fixed Shelf W/O Mounting Ear, (W)470×(D1)350×(D2)260 mm Installation for 600 Depth "S" Shape Cabinets
625400002	19"Keyboard Tray W/O Mounting Ear, (W)470×(D1)350×(D2)380 mm Installation for 600 Depth "S" Shape Cabinets
196000050	Cage Nut for Cabinet, 50 sets/bag

**Uninterruptible Power supply  
3phase in / 3phase out Online UPS**

The capacity ranging from 10KVA to 200kVA, using advanced digital design gives the unit various possible applications. (max 800kVA, 4 units combined ) The perfect combination of high-speed 16-digit chips and DDC control technology of ASIC and the advanced high-power components of IGBT and SCR, results in an intelligent UPS with high capacity, high reliability and advanced features.



643210000

**Uninterruptible Power Supply  
Online UPS (Rack Mounted & Free Standing Convertible)**

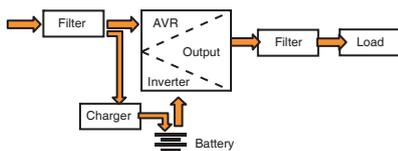
- 19" rack mounted design
- High frequency and dual conversion on-line technology
- Advanced PFC technology, LED display
- Smooth sine wave output with less than 3%THD
- Lighting and surge protections
- Short and overload protections
- Min.5 minutes backup power supply, long term configuration upon request
- RS 232 socket
- EMI /RFI noise filter



642300101

**Uninterruptible Power Supply  
Line-interactive UPS (Rack Mounted)**

- 19" rack mounted design
- self-diagnosis on startup
- Lighting and surge protections
- RS 232 socket
- Automatically recharge in off mode
- Simulated sine wave output
- Short and overload protections



641006501

**Uninterruptible Power Supply  
High Frequency Online UPS (Tower Type)**

With advanced DSP digital control technology , it improves performances & system reliability effectively, and achieve higher level of power density and miniaturization . Besides that, to meet all customers individual needs, as a high-end small power range online UPS, it can offer highly reliable power for department servers, small local area network, workstations, industrial machines and other precision electronic devices.

- DSP digital control technology
- More than 0.98 input power factor
- High frequency
- Intelligent battery management



**Power Distribution Unit**

Premium Line PDU series are all standard 19" size, available with European, UK and American style. Standard configuration is 2m power cords, light marster switch and aluminum chassis or plastic in black.



631210811



632210611



633210811



631810711

**Order Information**

Part No.	Description
643210000	Premium Line 3phase in / 3phase out Online Tower Type UPS 10KVA
642300101	Premium Line On Line Rack Mounted & Free Standing UPS 1KVA
641006501	Premium Line Line-Interactive UPS 650VA

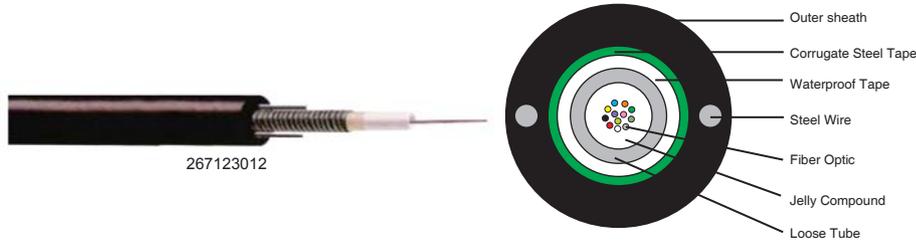
**Order Information**

Part No.	Description
645200100	Premium Line Online Tower Type UPS 1KVA
631210811	Power Distribution Unit with Aluminium Body, European Type, 8 Outlets
633210811	Power Distribution Unit with Aluminium Body, UL Type, 8 Outlets
632210611	Power Distribution Unit with Aluminium Body, UK Type, 6 Outlets
631810711	Power Distribution Unit with Aluminium Body, European Type ,7 Outlets with Surge Protector, without LED Switch

**Wide Area Network**

**Outdoor Parallel Steel Wires & SteelArmored Uni-tube Fiber Optic Cable**

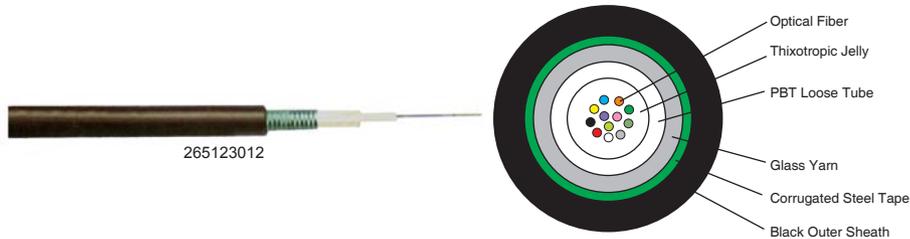
Two parallel steel wires construction cable suits for aerial installation. With additional corrugated steel tape protection make it also available for duct installation.



**Local Area Network**

**Outdoor Steel Armored Glass Strength Uni-tube Fiber Optic Cable**

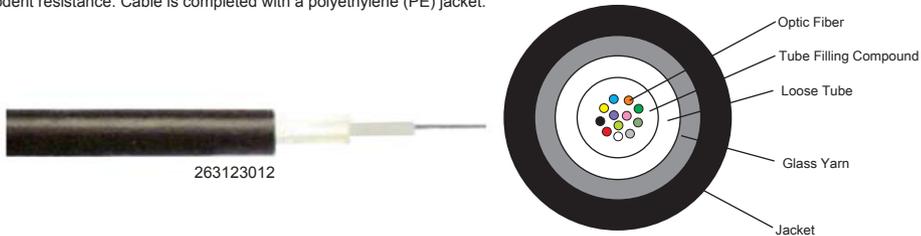
This kind of fiber optic cable comes additional glass yarn strength member to provide double rodent protection. The compact design suit for duct buried application or conduit installation.



**Local Area Network**

**Outdoor Glass Strength Uni-tube Fiber Optic Cable**

The optic fibers are positioned in a loose tube made of high modulus plastics. The tube is filled with filling compound to give the fibers excellent water proof performance. The glass yarn between the jacket and loose tube is a strength member and provides rodent resistance. Cable is completed with a polyethylene (PE) jacket.



**Order Information**

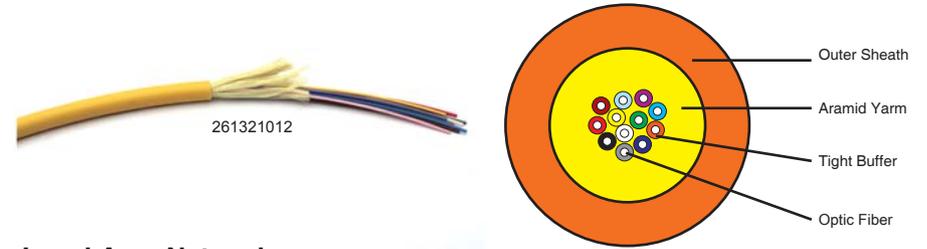
Part No.	Description
2671X3YYY	Outdoor Parallel Steel Wires & SteelArmored Uni-tube Fiber Optic Cable
2651X3YYY	Outdoor Steel Armored Glass Strength Uni-tube Fiber Optic Cable
2631X3YYY	Outdoor Glass Strength Uni-tube Fiber Optic Cable

"X", 1=MM 62.5/125; 2=SM 9/125; 3=MM 50/125; 4=OM3 50/125  
 "YYY", Core Number, 002/004/006/008/012/024

**Local Area Network**

**Indoor Tight Buffer Distribution Fiber Optic Cable (2~24Cores)**

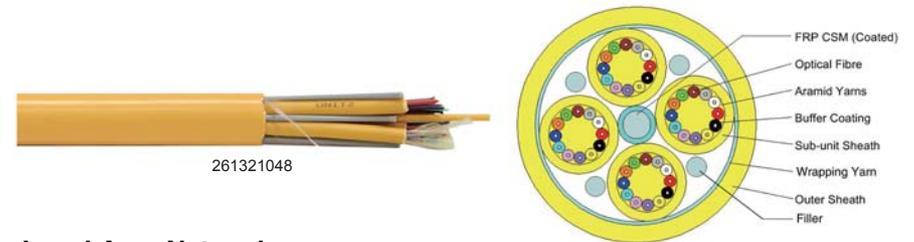
The 900µm tight buffer fibers are distributed in the center of the cable. The aramid yarn as strength member surround the fibers, provides excellent tensile strength when it's in installation, the cable is completed with a LSOH jacket. As the classical premise backbone cabling fiber optic cable, the compact construction is ease for field installation.



**Local Area Network**

**Indoor Tight Buffer Multitube Distribution Fiber Optic Cable (36~144Cores)**

This high density premises backbone distribution cable is consist of 4 or 6 individual classical tight buffer cables and central FRP strength member. Each sub-unit is printed Unit 1, 2, 3 at 40cm intervals for installation identification.



**Local Area Network**  
**19" Rack Mounted ODF**

Premium Line rack mounted Optic Distribution Frame – ODF suits for standard 19" server cabinet installation. This ODF is available for maximum 96 cores terminated inside with SC or FC connectors & adapters, or 192 cores for LC duplex adapters. Two simplex adapters stack design make it in easy way for pair coupling distribution in classical fiber network operations. The front door is removable during installation and easily seal with two plastic lockers.

For the cable storage, management and future deployment, the front adapter panel and splice position all in rotate design, easy for any operations inside.



**Order Information**

Part No.	Description
2613XYZZZ	Indoor Tight Buffer Distribution Fiber Optic Cable(2~24Cores)
2613XYZZZ	Indoor Tight Buffer Multitube Distribution Fiber Optic Cable (36~144Cores)
245001485	Premium Line Line-Interactive UPS 650VA

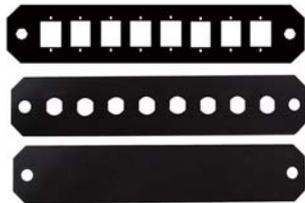
"X", 1=MM 62.5/125; 2=SM 9/125; 3=MM 50/125; 4=OM3 50/125 "Y", 1=PVC; 2=LSOH  
 "ZZZ", Core Number, 002/004/006/008/012/024

## Local Area Network 19" Fiber Optic Patch Panel

Premium Line 19" Rack mountable fiber optic patch panel is designed for both patching and splicing, accepts whole range of adapters including SC, ST, FC, LC adapters. 2 \* Rear cable entries accommodate cables with diameter below 10mm. Inside splice trays stacked and available for 48 cores (for LC) terminated inside, and cable spools with 35mm bending radius guarantee all modes fiber storage inside with additional low bending loss. Individual front adapter plate use screws to fix, easy to assemble and exchange. The metal frame is made by cold rolled steel/1.6 mm, and in 1U finished height.



241100002



### Order Information

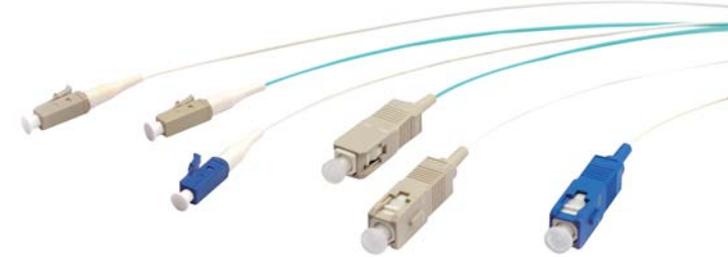
Part No.	Description
241100002	Premium Line Fiber Optic Patch Panel Main Body, Black
242500002	Premium Line Blank Panel for Fiber Optic Patch Panel, Black
242302082	Premium Line 8port ST Front Panel for Fiber Optic Patch Panel, Black
242301082	Premium Line 8port SC Front Panel for Fiber Optic Patch Panel, Simplex, Black
243000005	Splice Cassette, for 12-port, Grey
Loaded adapter panel upon request	

## Connectivity Fiber Optic Pigtail

"Easy Strip" — Semi tight Buffer Pigtails.

Ease of Operation and Cost Saving.

Premium Line pigtail series meet with TIA/EIA-568-B.3 and ISO/IEC 11801 specifications for insertion loss and return loss supports Telecom network, CATV, FTTH, End equipment, Local Area Network, Test equipment and etc.



## Connectivity 12 Pack Pigtail

Premium Line 12 pack pigtail integrated design with good performance will be your better choice. Completely connector range including FC, ST, SC, LC, 12 different colorful sheath as easy indication, use additional outer jacket wrapping protect the pigtails also ease to manage.



### Order Information

Part No.	Description
22XAZ3L	Fiber Optic Pigtail
22XBZ3L	12 Pack Pigtail

"X", Fiber type, 1=MM 62.5/125; 2=MM 50/125; 3=SM 9/125; 4=OM3 50/125

"A", Sheath, 1=900MM PVC; 3=900MM LSOH; "B", Sheath, 5=900MM PVC 12 Pack; 6=900MM LSOH 12 Pack

"Z", Connector, 1=SC; 2=ST; 3=FC; 4=LC

"L" as a substitute for length: 010=1m; 020=2m; 030=3m; 050=5m; 070=7m; 100=10m other length, UPC/APC, LSOH sheath upon request

## Connectivity

### Fiber Optic Patch Cord

Fiber optic patch cords are suited for equipment jumper cable, cross connects, and work area connections. All patch cords are 100% factory tested to ensure performance to TIA/EIA-568-B-2, ISO 11801:2002 and EN 50173-1 standards. With complete connector range of SC, ST, LC, FC, MTRJ, and also the different mode of fiber cables, consists of various combination for all-field applications.



## Connectivity

### Adapter

Premium Line provides fiber optic adapters including ST, SC, LC and MT-RJ. All adapters produce with a zirconia sleeve for universal applications (MM/SM). All SC, LC and MT-RJ adapters are provided with retaining clips for easy, snap-in mounting. And performance meets with TIA/EIA 568-B.3 standard.



## Connectivity

### Fiber Optic Connector

Premium Line provides fiber optic adapters including ST, SC, LC and MT-RJ. All adapters produce with a zirconia sleeve for universal applications (MM/SM). All SC, LC and MT-RJ adapters are provided with retaining clips for easy, snap-in mounting. And performance meets with TIA/EIA 568-B.3 standard.



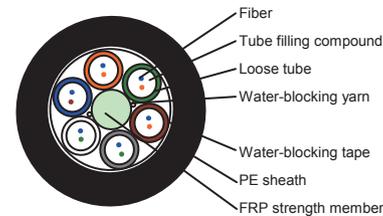
## FTTX

### FTTH Distribution Cable

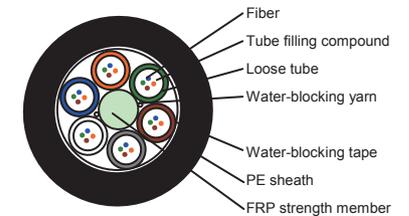
Premium Line Outdoor Metal Free FTTH Distribution Cable is ideal design for the distribution from main street cabinet or central telecommunication room to ONU (optic network unit) for subscribers' houses or apartment residential buildings. The stranded construction is ideal for ease multiple ONUs distribution and also as a riser cable in the building.

ITU-G652D fibers in use, OS2 grading after cabled (att. <0.4dB @ 1310nm/1550nm)

- 2cores per tube design, ideal for FTTH 1:8, 1:16, 2:16 or 2:32 fiber channels distribution
- Double water-proof members, excellent water resistance performance
- User friendly "Dry Core" design, for comfortable and easy installation
- Outer diameter 10.8mm available fits with ODN access holes
- Metal free construction could install with exist utility, like power lines
- MM cores available upon request



2~12CORES, 2CORES PER TUBE



ABOVE 12 CORES, 4CORES PER TUBE



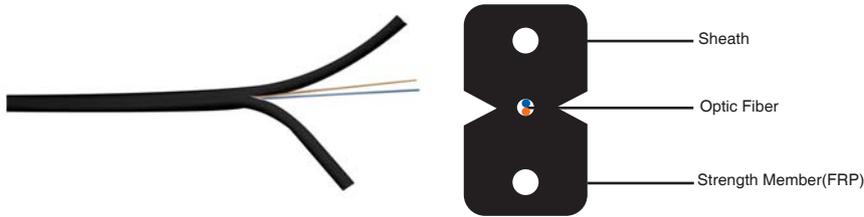
## Order Information

Part No.	Description
21XYWZL	Fiber Optic Patch Cord
"X", Fiber type, 1=MM 62.5/125; 2=MM 50/125; 3=SM 9/125; 4=OM3 50/125	
"Y", Sheath, 5=Duplex PVC 3M; 6=Duplex LSOH 3M; "B", Sheath, 7=Duplex PVC 2M; 8=Duplex LSOH 2M	
"W", Connector 1#, 1=SC; 2=ST; 3=FC; 4=LC "Z", Connector 2#, 1=SC; 2=ST; 3=FC; 4=LC	
"L" as a substitute for length: 010=1m; 020=2m; 030=3m; 050=5m; 070=7m; 100=10m other length, UPC/APC, LSOH sheath upon request	
Part No.	Description
231XY1ZoC	Fiber Optic Adapter
"X", Mode, 1=MM; 2=SM; 3=SM/APC "Y", Configuratie, 1=Duplex; 2=Simplex	
"Z", Adapter Type, 1=SC; 2=ST; 3=FC; 4=LC	
"C" as a substitute for colour: SM=Blue; MM=Beige; APC=Green	
Part No.	Description
232X20Y5Z	Fiber Optic Connector
"X", Mode, 1=MM; 2=SM; "Y", Connector Type, 1=SC; 2=ST; 3=FC; 4=LC	
"Z", Colour, 4=Blue for SM; 8=Beige for MM;	
Part No.	Description
2642223XXX2	Outdoor metal free stranded FO cable, dry core for FTTH distribution, PE, Black
2642222XXX2	Metal Free Stranded FO Cable, Dry Core for FTTH Distribution, LSOH, Black
"xxx" Fiber cores, 004/006/008/012/024	

## FTTX FTTH Cable

As the increasing demand on the communication transmission and exchange capacity, traditional copper based access solutions will not comply with the request of high bandwidth and longer distance. Also, with the maturity fiber optic premise network & protocol implementation and developing, like 1G-EPON, 10G-EPON, GPON, the fiber trend is not a far future anymore.

Fiber to the home (FTTH), the optic fiber directly links the multi-subscribers to the LAN with real high bandwidth provision. As the final access to the subscriber, Premium Line FTTH low bending loss drop flat series cables are aimed design for this high bandwidth network. The excellent optic performance with competitive price is your right choice.



## FTTX FTTH Distribution Box

The Optical Network Unit to the single house, floor distribution of residence building and upon head power utility installation, always requires compact design, easy installation and operation, and also weather durable characteristics is a needed.

Premium Line FTTH distribution box is aim designed for multi-purpose applications in FTTH projects, the dual layer design supports direct termination, and also FTTH distributions via mini splitter built in, available to 1:8, 1:16 and 2:16 distributions with Premium Line FTTH distribution cable. The special designed 24ports cable exit fits with FTTH drop flat cable, guarantee the IP grading before and after operations.



253211240

### Order Information

Part No.	Description
261422002	FO ID Cable, FTTH w/Two FRP Strength Members, Flat Type, SM9/125(G652D), 2C, LSOH
261462002	FO ID Cable, FTTH w/Two FRP Strength Members, Flat Type, SM9/125(G657A2), 2C, LSOH
253211240	Premium Line FTTH Distribution Box, 24ports, SC Simplex Type, without Adapters

## FTTX Fiber Optic Faceplate

86x86 Size

Premium Line Fiber optic faceplate is in standard 86\*86 design, it's available to secures to any surface, drywall, baseboard, and even modular furniture. It's available 2 types, SC duplex (LC quad), ST dual ports, 45°adapter plug-in/out angle avoid any hurt from light.



252012021

252021011

## Fusion Splicer

Premium Line core alignment fusion splicer can make the whole process of fiber's fusion be finished in 25 seconds automatically. LCD color monitor makes each process of fiber fusion clear and multi-languages make users operate easily. Because of small bulk, light weight and AC/DC power supply, it is the same with the project and maintenance of telecommunications, cable TV, railway, petrochemistry, electric power, army, police and scientific research organizations.



551011000

### Order Information

Part No.	Description
252021011	Fiber Optic SC Duplex Faceplate, 86x86, 1 Port, White
252012021	Fiber Optic ST Simplex Faceplate, 86x86, 2 Port, White
551011000	Fusion Splicer, 160 mmx180 mmx202 mm

## CCTV Coaxial Cable

Security and surveillance system is a cross-industry comprehensive security system, which is combining together the sensor technology, monitoring camera technology, communication technology and computer technologies. By this it forms a multi-functional monitoring and processing system.

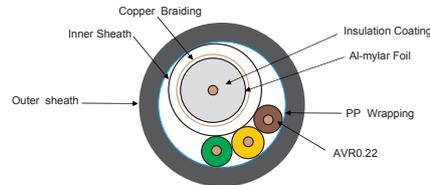
Premium Line is offering 75ohm RG59 coaxial cable as the most important basis in CCTV system to convey high quality visually, real-time and objectivity images.



RG59 CCS Conductor		
Conductor	Copper Coated Steel	0.81mm
Insulation	Foam Polyethylene (Foam PE)	Nom. Dia. 3.65mm
Shielding	Inner: BONDED AL/PET TAPE	AL Wire Braid, 67% Coverage
Outer Jacket	PVC	Dia. 6.02mm, Nom. 0.81mm
Impedance	75 +/-3Ω	
Operating Temp Range	-25°C~70°C	



RG59 BC Conductor		
Conductor	Bare Copper	0.57mm
Insulation	Sold Polyethylene	3.70mm
Shielding	Bare Copper	94% COVERAGE
Outer Jacket	PVC	Dia. 6.10mm, Nom. 0.96mm
Impedance	75 +/-3Ω	
Operating Temp Range	-25°C~70°C	



RG59 Hybrid, Mini RG59 with AVR Power Wires		
Conductor	BC, STRANDED	7/0.17mm
Insulation	LDPE	Φ2.9mm
Shielding	Inner Al-Foil Tape	BC, coverage 60%
Inner Sheath	PVC	Nom. Dia. 5.0mm; Nom. Thickness 0.8mm
AVR Wire Conductor	BC	7/0.2mm ; 2 Wires for Power Supply, 1 Wire for Other Application
Insulation	PVC, Brown/Orange/Green	Φ1.6mm Average Thickness 0.5mm
Overall Wrapping	Polyster Tape	
Outer Sheath	PVC Black for Indoor	Φ8.3mm Average Thickness 0.8mm

### Order Information

Part No.	Description
50452013011	Premium Line RG-59 Broadband CCTV Coaxial Cable, CCS Conductor, PVC, Black, 300m/reel
50462304011	Premium Line RG-59 Broadband CCTV Coaxial Cable, Bare Copper Conductor, PVC, Black, 300m/reel
50972504011	Premium Line Mini RG59 with AVR 0.22 Copper Wires Hybrid Coaxial Cable, Bare Copper Conductor, PVC, Black, 300m/reel

## CATV Coaxial Cable

CATV system consists of many components including a shared coaxial cable network that transmits analog television signals to downstream subscribers. Coaxial cable is designed to transmit the complete video frequency range with minimum distortion or attenuation.

Premium Line RG6/RG11 Series CATV coaxial cables are the best for today's digital satellite or cable box connections. They are best used for installations for transmission applications. For distributing signals from cable TV or from a roof top dish antenna.



RG6 CCS Conductor, 1000MHz		
Conductor	Copper Coated Steel	1.02mm
Insulation	Foam Polyethylene (Foam PE)	Nom. Dia. 4.57mm
Shielding	Inner: Bonded AL/PET Tape	AL Wire Braid, 60% Coverage
Outer Jacket	PVC	Dia. 6.91mm, Nom. 0.80mm
Impedance	75 +/-3Ω	
Operating Temp Range	-25°C~70°C	



RG6 BC Conductor, 3000MHz		
Conductor	Bare Copper	1.00mm
Insulation	Foam Polyethylene (Foam PE)	Nom. Dia. 4.80mm
Shielding	Inner: Bonded Cu/PET Tape	AL Wire Braid, 55% Coverage
Outer Jacket	PVC	Dia. 6.86mm, Nom. 0.74mm
Impedance	75 +/-3Ω	
Operating Temp Range	-25°C~70°C	



RG11 BC Conductor, 2000MHz		
Conductor	Bare Copper	1.55mm
Insulation	Foam Polyethylene (Foam PE)	Nom. Dia. 7.25mm
Shielding	Inner: Bonded Cu/PET Tape	AL Wire Braid, 55% Coverage
Outer Jacket	PE	Dia. 10.1mm, Nom. 0.760mm
Impedance	75 +/-3Ω	
Operating Temp Range	-40°C~70°C	

### Order Information

Part No.	Description
50551813011	Premium Line RG 6/U CATV Coaxial Cable (1000MHz), PVC, CCS Conductor, PVC, Black, 300m/reel
50661814011	Premium Line RG 6/U CATV Coaxial Cable (3000 MHz), PVC, Bare Copper Conductor, PVC, Black, 300m/reel
50761514211	Premium Line RG-11 HFC/CATV Broadband Coaxial Cable (2000MHz), PE, Black, 300m/reel

## References

Premium Line products had been installed at more than 500 projects worldwide, below a short reference list of some of them.

- Commerzbank Manhattan, New York - USA
- Millenium Tower Dubai - UAE
- International Airport - Egypt
- Administration of President of Russian Federation - Russia
- Agentur für Arbeit - Germany
- Mercedes-Benz Financial Services - Singapore
- Police Abu Dhabi - UAE
- Ministry of Education - KSA
- Maldives Hilton at Rangali Island - Maldives
- Hospital Universiti Kebangsaan - Malaysia
- ETelecare Call Center (Dell) - Philippines
- Unilever Italia Rome - Italy
- Alcatel Lucent Headquarter - Turkey
- Exxon Mobil - Qatar
- HSBC Training Center - Sri Lanka
- Ministry of Education - Egypt
- Empire Bank New York - USA
- Palazzo die Congressi di Roma - Italy
- Siam Nissan Bangkok - Thailand
- Electricity Generating Authority of Thailand - Thailand

## *premium* *line* **Your expert for datacenter cabling!**

When it comes to datacenters, structured cabling is the first essential building block. Your right decisions on this will return you the most cost-effective datacenter deployment and time saving solutions.

Datacenters - as the central nerve centers of enterprises & buildings, will encounter relentless increases on the cost and fast expanding requirements of data network cabling and power consumption but in limited space. Planning and designing is mission-critical at datacenter facilities, building the infrastructure on which the entire enterprise will rely. The physical infrastructure is the foundation of your business and its strength and reliability is crucial.

Premium Line is your dedicated datacenter cabling team to provides perspectiveness solution on your data center design & operation.



Premium Line Data Center solutions assure you:

- Fast deployment and accurate moves, adds, and changes
- Standards based open systems
- High performance and high bandwidth with growth factors incorporated
- Support for 10G and higher speed technologies
- Support for convergence with growth factors incorporated
- High quality, reliability and scalability
- High capacity and density
- Efficient allocation of space
- 25 years system warranty installation
- Initial investment protection