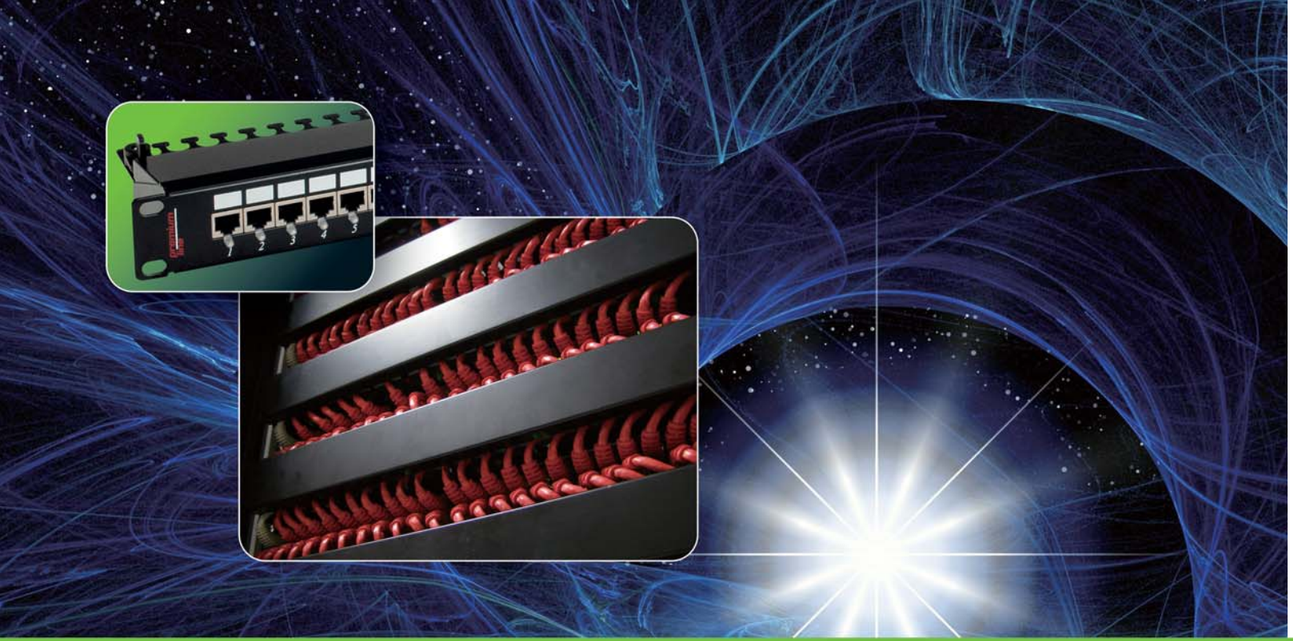
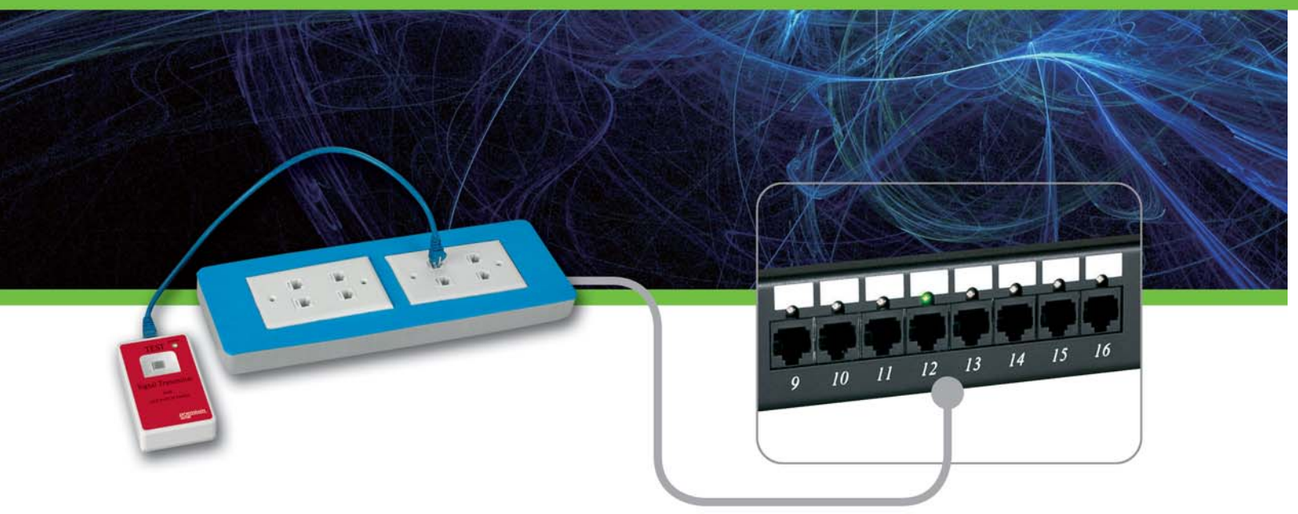
premium line



Navigator Patch System

The patented Navigator Patch System technology is embedded to a regular patch panel to keep the price reasonable. The build in LEDs allow the identification of the cable connection to the workstations quickly and accurately without interfering the network performance. Time-consuming one by one checking with hard to hear tone generators is a thing of the past. Finding the right cable for adds, moves or changes is as easy as turning on a light.



High Efficiency

The horizontal cable installation and patch cord connection are the most time-consuming processes. With Navigator Patch Panel, operators don't have to check the complicated drawing and label patch cords and panels. Navigator Patch Panel can greatly improve the installation efficiency.

Debugging

You can find out the failure by LED display simply, don't need to check the drawing. To maintain the cabling system become easily.

Security

Random port installation and no labeling are helpful to Information security management. Comply with BS 7799 or ISO 27001 standard.

Choice of Wise

There is no competitive product to the Navigator Patch System. The difference makes you win the project.

Economical Solution

1. Saving the installation time and labor cost
2. No need dedicated staff to operate
3. Visualized LED indication, Easily problem determination
4. NO additional cost for software, device or system upgrade

Premium Line
Navigator Patch System

Navigator Patch System

Unshielded Navigator Patch Panel

Shielded Navigator Patch Panel

45° Unshielded Navigator Patch Panel with Labeling Holder

Transmitter

VOICE & OUTLETS PRODUCT SERIES

Premium Line voice product series mainly focus on classical voice cabling, including multipair cables- available for indoor backbone cabling & outdoor campus cabling, And also the Data & Voice Outlets are aimed to furnish an enjoyable subscriber node with popular design and its cosmetic, standard RJ45 Category 3 voice and data patch panels, patch cords and installation cables, to constitute a complete voice cabling solution.

Multipair Cables

Premium Line mainly supplies Category 3 and Category 5 multipair cables, normally core number could be 5pairs, 10pairs, 25pairs, 50pairs, 100pairs, including both indoor and outdoor gel filled type, for indoor backbone use and campus cabling application.

All multipair cables meet or exceed ANSI/TIA/EIA 568A, ISO/IEC 11801, EN 50173 specification.

ISDN Patch panels

Standard RJ45 jack, and 19” 1U/2U size, provides 25ports/50ports options, suit for rack installation.

Data & Voice Outlets

Apart from the cabling solutions, Premium Line various types faceplate in popular design is aimed to furnish all your cabling nodes and subscriber outlets

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Premium Line
Voice & Outlets Product Series

Multipair Cable

Category 3 & 5 U/UTP Indoor Multipair Cable

Category 3 U/UTP Outdoor Gel Filled Multipair Cable

Patch Panel

Category 3 Unshielded Patch Panel

Junction Box

Faceplate

86 Type Faceplate Series

70 Type Faceplate Series

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Data Center Server Cabinet

As a core part of the entire cabling system, cabinet are widely used and also take an irreplaceable role in the equipment room. Nowadays cabinet not only has the simple function of storing devices but also can provide protection, electromagnetic interference shielding, and arrange equipment orderly to facilitate future maintenance.

Premium Line provides a complete cabinet solution including the server cabinets, wall mount cabinets, cable management units & mounting accessories, also with active power supply devices, like power distribution unit, uninterruptible power supply and etc.

Network Server Cabinet

Premium Line 19'' server cabinets and wall mount cabinets meet the international standards ANSI /EIARS-310-C19, ANSI /EIARS-310-D, IEC 297-3, IEC 529 and DIN 40050.

Premium Line server cabinets are available in standard 19" , 600 × 800, 800 × 800 sizes, but not limit in this two options of size. We mainly supply the 27U, 32U, 37U, 42U types. The front door is available in high strength toughened glass or perforated metal. The complete cabinet is made by excellent steels available to afford maximum 800kg static loading.

Normally, the fixed accessories include cage nuts, castors and leveling feet. And there also exists various optional accessories for your most economical combinations, including fixed shelf, keyboard tray, front blank panel and cable managements, besides, all free standing cabinets are available for 4 fans installation, and also with required power cords.

Wall Mount Cabinet

Premium Line wall mount cabinets are mostly popular in single section or dual section design, to afford maximum 60kg static loading. It's available in size 19" 600 × 450, 6U, 9U, 12U, 15U and 18U. The wall mount cabinets are in key lockable design, and come with front glass door. All wall mount cabinets are available for 2 cooling fans installation. Normally, the wall mount cabinets are pre-assembled for shipping.

Power Distribution Unit

Premium Line provides worldwide various type power outlets and power cords. Normally it's in standard 1U height suit for standard 19" cabinet installation. Premium Line standard PDU comes with lighted master switch, but, the additional function like surge protection, current display is available as well, the size will change to 1.5U.

The left end single input and frontal installation design is easy for future management and allocation.

Uninterruptible Power Supply

UPS is an electrical apparatus that provides emergency power when the input power source is suddenly shut down, to protect exchange server, telecommunication equipment from damage and avoid data loss. In additional, as UPS outputs the standardized sinusoid voltage, so, in most situations, it has been used to optimize the power for active devices in equipment room. The general categories of Premium Line UPS systems are on-line& line-interactive.

Premium Line
Data Center Server Cabinet

Network Server Cabinet

Wall Mount Cabinet

Wall Mount Cabinet (Single Section)

Wall Mount Cabinet (Dual Section)

Accessory

Cooling Fan

Castor for Reestanding Cabinet

Adjustable Fixed Feet for Cabinet

Cage Nut for Cabinet

19'' Fixed Shelf for Cabinet

19'' Keyboard Tray for Cabinet

Cable Management

Power Distribution Unit

European Type

American Type

UK Type

Surge Protection

Uninterruptible Power Supply

Online UPS (Rack Mounted)

Online UPS (Rack Mounted & Free Standing Convertible)

Line-interactive UPS (Rack Mounted)

High Frequency Online UPS (Tower Type)

3phase in / 3phase out Online UPS

Fiber Optic Solution

Since over 30 years ago first fiber optic data cable have been installed and applied, now, with the improvement of fiber optic technique and also considering competitive costs of the complete range of optic devices, our Fiber Optic Solution surely fulfills the high speed data network and telecommunication requirements.

Optic Fiber- Made by the most common substance, silicon dioxide (SiO_2), in complete core diameter 9um - single mode, 62.5um - OM1, 50um – OM2/OM3, and with 125um refraction cladding, to afford light signal transmission supports long distance and high speed data network & telecommunication.

Technology- To use the light to transmit the signals from one place to another place over optic fiber, is due to the light propagates through the fiber with little attenuation also immune to electromagnetic interference. These advantages also contribute to fiber optic development and practical application.

Wide Area Network- Single mode fiber optic cables are increasingly used for long distance telecommunication & data network, so called classical WAN – wide area network. The fiber optic cable normally could be placed in outdoor conduits or directly aerial installation.

Premium Line WAN fiber optic system provides two installation types and customizes various cable constructions on your special requirements like ADSS- recommended, if electrical shock might happen.; Figure 8 outdoor aerial cable best for extreme weather conditions like heavy wind or ice. Premium Line also provides outdoor accessories like splice closures, available for aerial, direct ground buried and duct installation purpose.

Local Area Network- In most classical premise cabling, SM or MM fiber optic cables are more used as backbone cabling, They convert the optical signals to electrical signals to the end subscriber through the corresponding copper communication cables. LAN cables also will be used for distances over 100 meters, which are not available for copper cables.

Regarding to the pure fiber optic cabling system, with the PON- passive optical network system develop, like IEEE E-PON, ITU G-PON, the one point to multipoint network. Also the extension base on above systems and protocol comes with FTTX applications which depend on the ONU location. Premium Line LAN fiber optic systems provides different type cables to fulfill these fiber optic solutions, especially the FTTH cable series, with customer' s choice on normal G652D fibers, or G657A low bending loss fiber for complex corner-bending situation. Premium Line is capable to provide you all types' high quality and reliable fiber optic cables.

Component- Premium Line solution includes a full range of optic devices, fiber optic cables, and also the accessories like pigtails, patch cords, adapters and different type' s terminal boxes. Premium Line has complete ranges of these components with low attenuation loss control, combines with fiber optic cables, support the complete channel with good headroom margin.

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Premium Line
Fiber Optic Solution

Optic Fiber
Single-mode Optic Fiber
Multimode Optic Fiber

Wide Area Network
ADSS Fiber Optic Cable, 9/125um G652D
Figure 8 Fiber Optic Cable, 9/125um G652D
Outdoor Parallel Steel Wires & Steel Armored Uni-tube Fiber Optic Cable
Outdoor Steel Armored Multi-tube Fiber Optic Cable
Outdoor Steel Armored Double Sheath Multi-tube Fiber Optic Cable
Fiber Optic Dome Type Splice Enclosure
Fiber Optic Inline Type Splice Enclosure

Local Area Network
Outdoor Glass Strength Uni-tube Fiber Optic Cable
Outdoor Steel Armored Glass Strength Uni-tube Fiber Optic Cable
Indoor Tight Buffer Distribution Fiber Optic Cable
19" Fiber Optic Patch Panel
Fully Loaded Adapter Plate
19" Rack Mounted ODF
Wall Mount Box

Connectivity
Fiber Optic Pigtail
12 Pack Pigtail
Fiber Optic Patch Cord
Adapter

FTTX
FTTD Wall Box
FTTH Distribution Cable
FTTH Distribution Box
FTTH Cable