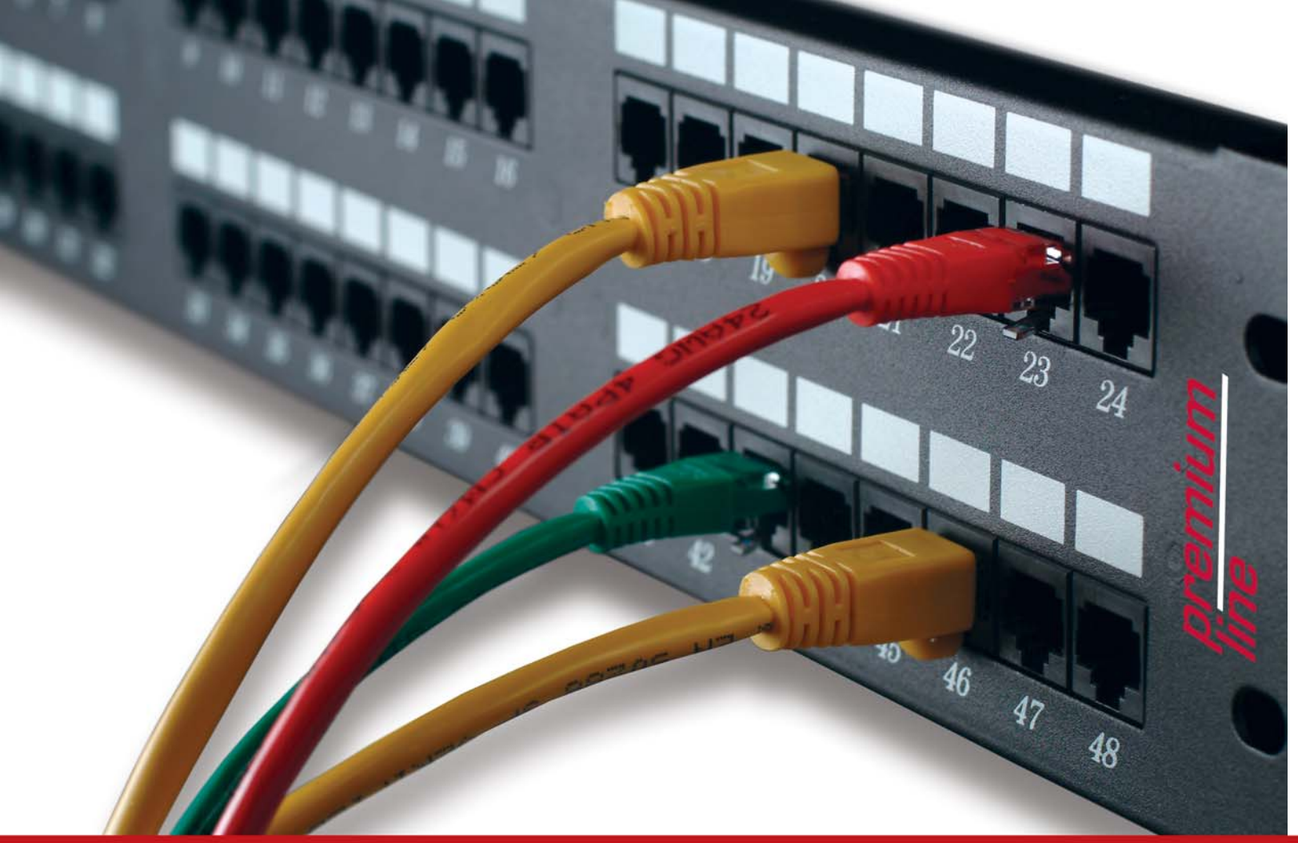
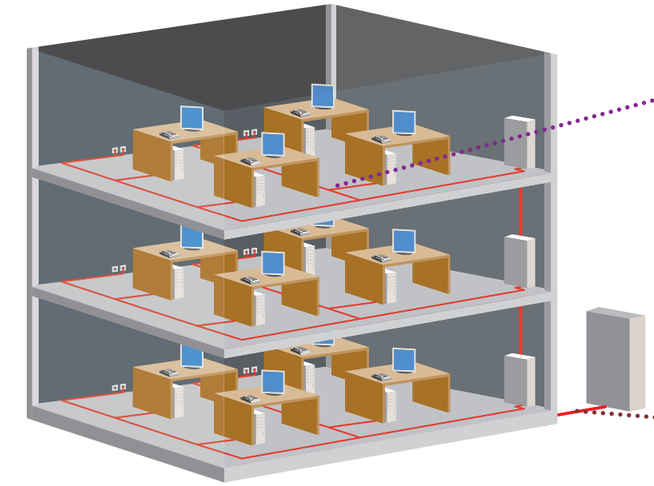


High Performance for the Future



Premium Line
Your Professional Partner of Structured Cabling System

Premium-Line Systems GmbH is a part of a global manufacturing group with more than 20 years of experience on the field of networking market. Premium Line system is a comprehensive solution for the network infrastructure, mainly designed in Europe, with a complete product portfolio including classical and advanced copper solutions, outside plant and premises fiber optic solutions, datacenter server cabinets & UPS series.

Since the beginning of the nineties we have been devoted to researching and developing the modern signal transmission cable and the joint hardware. Through almost twenty years of efforts, we succeeded in developing high performance tested network transmission products. It is a matter of course that our team of professional designers attends to all specific inquiries from our customers worldwide.

Category 6A^{+}, Category 6A, Category 6 & 5e Premium Line Cabling System delivers end-to-end solution for converged networks with high flexibility and proven interoperability to ensure smooth deployment and simplified management. Professional design and advanced leading processes supported by large manufacturing capacities evoke the products to be in great demand.

New products development and constant process improvement are two key approaches to maintain the company's competitiveness. All Premium Line cabling systems installed by an authorized Premium Line Installer or by a System Center are backed by a 25-year warranty.

This warranty provides each end user the confidence of a future-proofed system. In time of high data transmissions and growing demand on bandwidth parameters a proofed networking infrastructure system becomes a must. With Premium Line you can afford this.

Integrated Strength of Manufacture & System Integrator

Premium Line owns over 20 years experience in developing and manufacturing of data cabling products; and also the experience of marketing and promoting under its own brand – "Premium Line". With this strength, also the complete range product series for data communication cabling use, these keeping us in the leading edge over worldwide market. Till today, we've successfully cooperated with our certified team accomplished over hundreds of projects over the world.

Quality & Service

Premium Line has dedicated teams responsible for internal quality monitoring and products systemic upgrading, and also responsible for customer quality & technical support and service maintenance.

All products are verified at the input of raw material and constantly monitored until the production process is finished. Based on the newest international standards plus our valid ISO-Certificate plus covering the physically basis "ROHS compliant" assurance, we are able to build up a complete quality & services policy and also the promise of best possible performance.

25 Years System Warranty Policy

All Premium Line supplied copper and optical cabling systems, which are installed and tested by an authorized Premium Line installer in accordance with Premium Line Cabling System installation manual, will be applied to 25 years warranty. Premium Line has a complete channel program for distributor authorization, installer courses, warranty publishing, marketing & technical service, worldwide strategy and information sharing. This is uniting our strength to activate our global sales expanding and all your prosperity in cabling business.

Our Advantages

- 25 Years System Warranty – Guarantee all data network system for 25 years which consists of Premium Line products
- Cabling training and Certificate course
- Dedicated R&D team for new products design
- Professional sales team for worldwide marketing guidance
- Plant based Product Management & logistic team for technique, quality and shipment support

CATEGORY 6A CABLING SOLUTIONS

10 Gigabit Ethernet is nowadays viable solution for destinations with very high data traffic concentration like data center, server farms, MAN’ s and backbones.

Need of 10 Gigabit Service

Application as high resolution digital videos, medical imaging, digital animation, CAD/CAM, high speed data storage also require the quality of service (QoS) inherent in 10 Gigabit Ethernet. IP-based services such as VoIP and video will require extended bandwidth. Greater bandwidth is also required as voice, data and video networks are coming into structured cabling systems, as is the case already for today’ s more advanced security systems.

Standard of 10 Gigabit

In 2002 the IEEE ratified already a 10 Gigabit Ethernet standard for a full duplex fiber technology. Considering the world wide market need, the technology’ s potential and the economies offered by copper cabling system, both IEEE and TIA/EIA have now in summer 2006 ratified the new standard IEEE 802.3an TM Category 6A.

Demand of 10 Gigabit Systems

As from the experience of the past at that time 100 Mb/s and later on 1 Gb/s were as standards ratified we expect a potential for 10G structured cabling systems in the mass market. Bandwidth will be for many applications in the near future the key issue, so it will be important to invest future proofed in 10G-enable twisted pair structured cabling solutions.

Premium Line 10G Cat.6A cabling solution provides transmission performance that exceeds the industry standards for category 6 parameters and supports the operation of 10GBASE-T over 100-meter. 10G Cat.6A cabling solutions are qualified for frequencies up to 500 MHz and deliver guaranteed applications.

Features

1. Performance conforms to TIA/EIA568-C.2, ISO/IEC 11801:2002 Ed2.0 & Amendment 1 draft, TIA-TSB-155 draft and EN 50173-1, IEEE 802.3an™ Category 6A specifications.
2. Supports T568 A&B Wiring & Easy installation.
3. Offers total solution of 10G Cat.6A Network Cabling System.

Application

• 10GBASE-T Ethernet • 1000BASE-TX Gigabit Ethernet • ATM CB1G • 1000BASE-T Gigabit Ethernet
• 100BASE-TX Fast Ethernet • 10BASE-TX Ethernet • 155/622 Mbps ATM • 100 Mbps TP-PMD

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Category 6A Cabling Solutions

Installation cable

Category 7/6A S/FTP 600MHz

Category 6A U/UTP 500MHz

Shielded Keystone Jack

Category 6A Shielded Keystone Jack

Category 6_A 180° shielded Die-casting Keystone Jack, Slim Type

Modular Patch Panel

High Density Unloaded Patch Panel for Die-casting Keystone Jacks

2/3U Unloaded Patch Panel

Unshielded Keystone Jack

Category 6A 90° Unshielded Keystone Jack

Category 6A 180° Unshielded Keystone Jack

Patch Cord

Category 6A S/FTP Patch Cord

Category 6A U/UTP Patch Cord

Flexible Consolidation Point Cable

Class E_A 10G CP Cable

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CATEGORY 6 CABLING SOLUTIONS

With over 20 years experience and know-how on communicating products design & developing, Premium Line has built maturity systems both in high tech develop and research center & complete structural quality assurance lab and team. With team approach, all components and the cabling solutions, definitely will be your first choice and reliable selection.

Solutions and Components

Currently, the Category 6 solution is the most popular in the structural cabling. Premium Line has been the high quality source in the worldwide market since this becoming the trend. With the comprehensive product range, we supply components – communication cables, keystone jacks, compact outlets, patch panels, patch cables... the complete solutions and system warranty. All these products and solution performance has been verified and approved by third party laboratory – “3P” and “ETL” . After years of good result in market also systemically upgrading of the products, assure you the great benefits both in quality and cost.

Our Quality Guarantee

To build a complete high level channel in the project, the precondition is to make sure each component with compatible resistance, thus, the best solution is to use the same brand products or single component with excellent performance.

Premium Line offers you complete Category 6 System solutions which fulfill these requirements, also with the internal specific definition and qualification procedure for each single component is right on the purpose to ease the installation with good and convincible field test results.

Be Our 25 Years Warranty Member

To guide and support companies, which use complete Premium Line brand owned products, we offer the 25 years warranty. Premium Line will hold distributor and installer trainings and certification. With this certificate, all members will be available to apply for 25 years quality warranty and service.

Project Support

Our sales team will share you marketing strategy and almost world project information, which will help you to win the bid. Our international purchasing team will source you the special products to make your supply chain easy and simple.

Premium Line
Category 6 Cabling Solutions

Installation cable
Category 6 U/FTP 450MHz
Category 6 F/UTP 250MHz
Category 6 U/UTP 250MHz
Category 6 U/UTP Outdoor Gel Filled

Shielded Keystone Jack
Category 6 Shielded Keystone Jack
Category 6 Shielded Die-Casting Keystone Jack
Category 6 90° & 180° Unshielded Keystone Jack
Category 6 90° Unshielded Slim Keystone Jack
Category 6 180° Unshielded Shutter Type Keystone Jack

Modular Patch Panel
High Density Unloaded Patch Panel

Patch Panel
Category 6 1U & 0.5U Shielded Patch Panel
Category 6 Unshielded Patch Panel
Category 6 Labeling Holder Panel
Category 6 0.5U/24 Port & 1U/48 Port Unshielded Patch Panel

Patch Cord
Category 6 S/FTP Patch Cord
Category 6 U/UTP System Patch Cord
Category 6 U/UTP Retail Patch Cord
Category 6 U/UTP Flat Patch Cord

Flexible Consolidation Point Cable
Category 6 U/UTP CP Cable

CATEGORY 5e CABLING SOLUTIONS

With the high speed data transmission requirement in LAN, 1998 IEEE ratified standard 802.3z defined protocol 1000BASE-T over Category 5e and higher level Ethernet cabling system. After that, with the step into 21st century, Category 5e (class D) cabling took the place of Cat.5 cabling, and it became the main trend in data cabling market.

As 1000BASE-T defines that the Category 5e works in full-duplex mode, uses the complete 4pairs to transceive in the meantime, then this means each pair will receive the interference from other 3pairs, as well as the ground noise. Then this requires the link and components in use must be with sufficient headroom margin.

Premium Line supplies complete Category 5e solutions and components, meeting and over standard ANSI/TIA 568-C.2, ISO/IEC 11801 ED.2, EN 50173-1, the Category 5e channel is guaranteed to fully support the corresponding protocols & communication services over 100m. Moreover, as a Germany brand, Premium Line provides you complete EU RoHS compliant solutions.

Nowadays, with expansion services over Ethernet expediting, like IP phone, IP camera, security and control systems, intelligence home systems and etc., these do expand the traditional Category 5e cabling market. Also considering the future telephone system upgrading, more and more telephone subsystems suggest using Category 5e communication cable. Bases on all these, Premium Line will always provide you adequate Category 5e solutions and warranties.

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Premium Line
Category 5e Cabling Solutions

Installation Cable
Category 5e F/UTP 100MHz

Category 5e U/UTP 100MHz

Category 5e U/UTP Outdoor Gel filled

Keystone Jack
Category 5e 180°Shielded Die-Casting Keystone Jack

Category 5e 90° Shielded Keystone Jack

Category 5e 90° & 180° Unshielded Keystone Jack

Patch Panel
Category 5e Shielded Patch Panel

Category 5e Unshielded Patch Panel

Category 5e 0.5U/24 Port & 1U/48 Port Unshielded Patch Panel

Patch Cord
Category 5e F/UTP Patch Cord

Category 5e U/UTP System Patch Cord

Category 5e U/UTP Retail Patch Cord

Category 5e U/UTP Flat Patch Cord