

### True Performance

With TrueNet®, you can push networks to the performance edge. Innovative products that exceed industry standards support advanced applications such as 10G Ethernet over UTP, VoIP, and WiFi today and tomorrow. Building upon a high-performance TrueNet® infrastructure foundation, network managers and designers are assured a flexible evolution path to next-generation technologies and services.

#### **A Tradition of Innovation**

With thousands of patents worldwide, ADC KRONE continually invests in innovation to support emerging technologies and to enhance our customers' network operations. In fiscal 2000 to 2006, ADC KRONE invested approximately 13% of net sales to fuel research and development.

For example, ADC KRONE's innovative CopperTen™ solution is the world's first UTP system to deliver all internal requirements of Category 6 while achieving 18 Gb/s capacity as measured by Shannon's Law with extended frequencies up to 625 MHz. To achieve these high-performance specifications, CopperTen™ incorporates patent-pending features including a unique oblique filler that minimises alien crosstalk (interference from adjacent cables).

#### **Setting the Standards**

ADC KRONE's TrueNet® solutions meet or exceed all major cabling standards. We are actively establishing and advocating next-generation technologies and standards worldwide through work with these leading industry organisations:

- ISO: International Organisation for Standardisation
- IEC: International Electrotechnical Commission
- IEEE: Institute of Electrical and Electronic Engineers
- TIA: Telecommunications Industry Association
- EIA: Electronic Industries Alliance
- BICSI: Building Industry Consulting Service International
- ANSI: American National Standards Institute
- MEF: Metro Ethernet Forum

In this document, we will refer to the international standard ISO/IEC and where appropriate to the American standard TIA/EIA.

#### **Training and Certification**

Studies show that over 70% of network downtime can be directly attributed to physical layer problems, specifically cabling faults. ADC KRONE recognises that proper installation of structured cabling solutions is a critical success factor for high-performance networks. ADC KRONE's network of TrueNet® System Integrators undergoes extensive training to ensure that TrueNet® system installations meet the most stringent industry standards.



# TrueNet® Structured Cabling Solutions

## Introduction

### True Reliability

Mission-critical networks rely upon trusted TrueNet® infrastructure. Built and tested in ADC KRONE's world-class facilities. TrueNet® is backed by a comprehensive warranty of up to 20 years that guarantees signal integrity and throughput.

### World-Class Manufacturing Expertise

ADC KRONE is committed to consistently delivering the highest possible quality in all that we do. A registered ISO9001 manufacturer, ADC KRONE is certified in 21 categories—the largest number of registrations of any ISO-certified company. Additionally, ADC KRONE's facilities are approved to self-certify products for compliance with UL Safety Standards.

A best-in-class manufacturer, ADC KRONE operates more than 3000 square metres of manufacturing space in India.



### Backed by the TrueNet® Warranty

ADC KRONE's TrueNet® systems are backed by the industry's most comprehensive warranty that not only addresses physical component performance, but also data throughput. The TrueNet® warranty covers the entire structured cabling system from the campus and building backbone to the work area.

Our TrueNet® warranty provides certification for any protocol sanctioned for use with either twisted pair cable or optical fibre for both voice and data applications. Installations are guaranteed to exceed the critical performance parameters of the EIA/TIA and ISO 11801 standard. This means you have complete system protection for the entire warranty period. ADC KRONE will also support future applications that are designed to operate within the parameters set down by the EIA/TIA and ISO 11801 standard.

A 20-year all inclusive industry standards compliance warranty, our TrueNet® warranty addresses parts, labour, and technical support.



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### About ADC KRONE

ADC serves its customers as ADC KRONE in the Asia Pacific and Europe/Middle East/Africa regions of the world. Founded in 1935, ADC is a leading supplier of global network infrastructure products and services, with experience of more than half a century. In 2004, ADC acquired the KRONE Group, a leading global supplier of copper and fibre-based connectivity solutions and cabling products.

ADC KRONE provides the network infrastructure equipment and professional services needed to deliver voice, video, Internet and data communications around the world. Wireline, wireless, cable, enterprise, and broadcast network operators rely on ADC KRONE's offerings to deliver bandwidth intensive, high-speed services to residential, business and mobile subscribers.

ADC KRONE has sales into more than 130 countries. The company occupies facilities around the world including locations in Australia, Austria, Belgium, Brazil, Canada, Chile, China, Czech Republic, France, Germany, Hong Kong, Hungary, India, Indonesia, Israel, Italy, Japan, Malaysia, Mexico, New Zealand, Philippines, Russia, Singapore, South Africa, South Korea, Spain, Sweden, Thailand, the United Arab Emirates, the United Kingdom, the United States, Venezuela, and Vietnam.

### ADC KRONE's VISION

Our vision is to become the global leader in creating network infrastructure. ADC KRONE products and services will be the foundation of the powerful and reliable communications networks that will drive economic and social progress in the 21st century. We will partner with service providers, equipment suppliers and enterprises in building networks that help enable a better future for the world.

### Learn More About TrueNet® Structured Cabling Solutions

Within this catalogue, you'll find complete descriptions and ordering information for the most popular TrueNet® Structured Cabling Solutions. Because we continually enhance our product portfolio and our specifications, we encourage you to visit our website or contact an ADC KRONE representative to keep pace with the latest innovations.



# TrueNet® Structured Cabling

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