

TrueNet[®]

Category 6 Solutions





TrueNet[®]

Category 6 Solutions

ADC KRONE's TrueNet[®] Structured Cabling System is an end-to-end, integrated portfolio of high-performance copper and fibre cable, connectivity and cable management solutions produced by a single global manufacturer for applications from the data centre to the desktop.

The need for a highly dependable network

Your business is only as strong as the network that supports it. If applications on the desktop aren't working at maximum efficiency, or if the network goes down, your business loses time, money and competitive advantage.

That's why you need an infrastructure you can rely on 100%. As one of the world's leading connectivity manufacturers offering a complete range of network infrastructure solutions, ADC KRONE can help you build a network that exceeds your business needs and helps keep downtime to an absolute minimum.

ADC KRONE offers Category 6 solutions that support Gigabit Ethernet up to 250 MHz. This is ideal for organisations running on-demand services like VoIP and video conferencing.

Why choose Category 6 rather than Category 5e?

In its simplest form Category 6 results in a much stronger signal at the receiver. That means a higher level of headroom for IT Managers who are looking for a network that can run high performance, latency intolerant applications.

In technical terms this is achieved by Category 6 having a signal to noise ratio that is 16 times greater than Category 5e. This greater signal to noise ratio is due to an increase in mass of copper in the cable, as well as the introduction of pair separators and increased twisting of the pairs. These mechanical changes improve insertion loss and minimise cross talk at both the near end (NEXT) and far end (FEXT).

ADC KRONE's Category 6 portfolio includes a comprehensive set of products that work together to provide a high performance copper network. A full listing of products can be found in ADC KRONE's TrueNet® Structured Cabling Solutions catalogue.

Cable

TrueNet Horizontal Category 6 cables are core components of the ADC KRONE impedance matched structured cabling system. The TrueNet® cable portfolio offers component compliant products that exceed current Category 6 standards and come complete with third party certification.

Patch Panels

TrueNet Category 6 patch panels from ADC KRONE offer high performance and a range of installation options. High technology engineered polymers for sockets and composite frame reduces alien crosstalk between connectors.

Modular Outlets

Each modular outlet is laser tuned, trimming each board to guarantee performance out to 250 MHz. LSA-PLUS® silver-plated 45° angled contacts offer the most secure and reliable connection available while allowing termination with an ADC KRONE termination tool or a 110 tool.

Stranded Patch Cords

Through an ingenious manufacturing process, ADC KRONE's patch cords deliver the electrical performance of a solid conductor with the flexibility, mechanical durability, and peace of mind of a stranded cord.

Cable Management

Cable management is the secret to cable longevity and reliability. To protect your cable investment, ADC KRONE offers a range of vertical and horizontal cable management solutions.

ADC KRONE's range of copper Category 6 products are complemented by an extensive range of fibre optic products.

Category 6

Product Description	Pack Quantity	Product No.	Product
Cable 4-pair UTP Cable, Grey 4-pair UTP Cable, Blue 4-pair UTP Cable, LSZH, Grey	305m Box	6499 1 030-01 6499 1 030-03 6462 1 082-00	
4-pair FTP Cable, Grey	305m Box	6462 1 082-01	
Patch Panels PMK 16-port Patch Panel with Cable Minder, Black PMK 24-port Patch Panel with Cable Minder, Black PMK 32-port Patch Panel with Cable Minder, Black	Box of 1	6450 1 185-16 6450 1 185-24 6450 1 185-32	
Keystone Shielded 16-port Patch Panel, Black Keystone Shielded 24-port Patch Panel, Black Keystone Shielded 32-port Patch Panel, Black	Box of 1	7022 1 055-16 7022 1 055-24 7022 1 055-32	
24-port Dynamic Right/Left Patch Panel Consists of (1) Dynamic Angled Patch Panel (24) Outlets	Box of 1	PP24AC6T-A	
Patch Cords RJ45 Patch Cords (YY = Colour) 39 = Blue 92 = Green 95 = Turquoise 90 = Red 93 = Yellow 96 = Purple 91 = Black 94 = Grey 98 = White (XX = Length) 10 = 1.2m 30 = 3.0m 70 = 7.5m 20 = 2.1m 40 = 4.5m 01 = 15m	Bag of 2	6451 5 9YY-XX	
RJ45 Patch Cord Shielded, Blue (XX = Length) 10 = 1.2m 40 = 4.5m 20 = 2.1m 70 = 7.5m 30 = 3.0m 01 = 15m	Bag of 1	6451 5 839-XX	

Category 6

Product Description	Pack Quantity	Product No.	Product
Outlets RJ45 Outlets FMK (suits Clipsal/HPM) RJ45 Shuttered Outlet, FMK (YY = Colour) 00 = White 40 = Blue 90 = Yellow 10 = Black 50 = Red	Bag of 10 Bag of 10	6467 4 202-YY 6467 4 202C-YY	
Rotoloc Outlet RJ45 Shuttered Outlet, Rotoloc (YY= Colour) 00 = White 40 = Blue 90 = Yellow 10 = Black 50 = Red	Bag of 10 Bag of 10	6467 4 204-YY 6467 4 204C-YY	
KM8 RJ45 Outlet (YY = Colour) 01 = White 05 = Red 08 = Yellow 04 = Black 06 = Blue	Bag of 1	6830 1 800-YY	
KM8 RJ45 Outlet, Shielded, White KM8 RJ45 Outlet, Shielded, White	Bag of 1 Bag of 8	6830 1 810-01 6830 2 711-01	
HighBand Patch-by-Exception Solutions Modules HighBand Module Wall-Mount Kit Consists of (12) 25-pair HighBand Modules, including Rear Cable Manager and (12) Label Holders.	Kit	6468 5 600-10	
Highband 4-way Rack Kit Consists of (4) 25-pair HighBand Modules, (4) Label Holders and (1) 19" Recessed Frame.	Kit	6450 1 176-01	
HighBand 8-way Rack Kit Consists of (8) 25-pair HighBand Modules, (8) Label Holders and (1) 19" Recessed Frame.	Kit	6450 1 177-01	

Category 6

Product Description	Pack Quantity	Product No.	Product
HighBand Patch-by-Exception Solutions continued			
HighBand 12-way Rack Kit Consists of (12) 25-pair HighBand Modules, (12) Label Holder Kits and (1) 19" Recessed Frame.	Kit	6450 1 178-01	
HighBand Consolidation Point Kit Consists of (5) 25-pair HighBand Modules, (5) Label Holders, (1) Wall Mount Frame and (1) Protective Cover.	Kit	6450 1 105-11	
HighBand 12-way Kit Consists of (1) Wall Mount Frame, (12) 25-pair Modules including Rear Cable Manager and (12) Label Holders.	Kit	6450 1 101-10	
Cable Management HighBand 12-way Cable Management Kit Consists of (2) Cable Management Rings and (1) Cover.	Kit	6450 1 103-10	
Cable Troughs Cable Trough Top (1) Cable Trough Bottom (1)	Box of 1 Box of 1	6450 2 157-10 6450 2 157-20	
Patch Cords HighBand Patch Cords Reverse facing 4-pair to 4-pair Reverse facing 4-pair to RJ45 Front facing 4-pair to 4-pair Front facing 4-pair to RJ45 (XX = Length) 10 = 1.2m 30 = 3.0m 20 = 2.1m 40 = 4.5m	Bag of 1 Bag of 1	6451 2 701C-XX 6451 2 700C-XX 6451 2 703C-XX 6451 2 704C-XX	



TrueNet[®]

Category 6 Solutions

True End-to-End Solutions

ADC KRONE's TrueNet Structuring Cabling Solutions provide reliable, manageable solutions for high performing networks. The TrueNet[®] system includes cable, connectivity, and cable management solutions for fibre, 1 Gbps, 10 Gbps, and Category 6A/6/5e from the data centre to the desktop.

True Performance

With TrueNet, you can push networks to the performance edge. Innovative products that exceed industry standards support advanced applications today and tomorrow.

True Reliability

Mission-critical networks rely upon trusted TrueNet infrastructure. Built and tested in ADC KRONE's world-class facilities, TrueNet is backed by the industry's only true Zero Bit-Error Performance Warranty for standards-based solutions that guarantees signal integrity and throughput.

Buy with Confidence

Install ADC KRONE's TrueNet infrastructure and forget about it. That is a valuable proposition for the IT manager and the CFO. The right structured cabling system meets today's standards yet is designed to anticipate change.

Even though a relatively small item in the IT budget, structured cabling can be expensive if not done properly. From a capital perspective, re-cabling a network that is only five years old offers a poor return on investment. Spotty performance, fixing bad channels, and frequent re-cabling are disruptive to the organisation-slowing productivity in every department.

Fifteen years is indeed a long time in the IT world. Yet that should be the service life goal for the cabling plant. Invest in ADC KRONE's structured cabling solutions and be assured of performance, reliability, and standards compatibility to support today's applications and tomorrow's technology innovations.

Our Warranty, Our Risk

Installed by a certified TrueNet[®] Integrator, ADC KRONE's TrueNet structured cabling solutions provide you with peace of mind knowing your cabling system will not be a source of failures or errors for the life of your facility.

TrueNet warranties guarantee your network for up to 20 years, contingent on the installer warranty level. All components are warranted to exceed ISO/IEC 11801 and addendum standards.

Our warranty and reputation remove any doubts that TrueNet is the correct solution for a cabling system that will support your network requirements today and in the future.



Category 6 Solutions



www.adckrone.com/au

AUSTRALIA
TECH SUPPORT 1800 801 298 helpdesk.au@adckrone.com

www.adckrone.com/nz

NEW ZEALAND
TECH SUPPORT 0800 657 663 helpdesk.nz@adckrone.com

ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, Minnesota USA 55440-1101

Specifications published here are current as of the date of publication of this document. Because we are continuously improving our products, ADC reserves the right to change specifications without prior notice. At any time, you may verify product specifications by contacting your local ADC KRONE office. ADC Telecommunications, Inc. views its patent portfolio as an important corporate asset and vigorously enforces its patents. Products or features contained herein may be covered by one or more U.S. or foreign patents. An Equal Opportunity Employer.

400622_AU 05/10 Revision 2 © 2010 ADC Telecommunications, Inc. All Rights Reserved.