

Total System Solutions



*We're solving networking problems
you don't even know you have yet.*



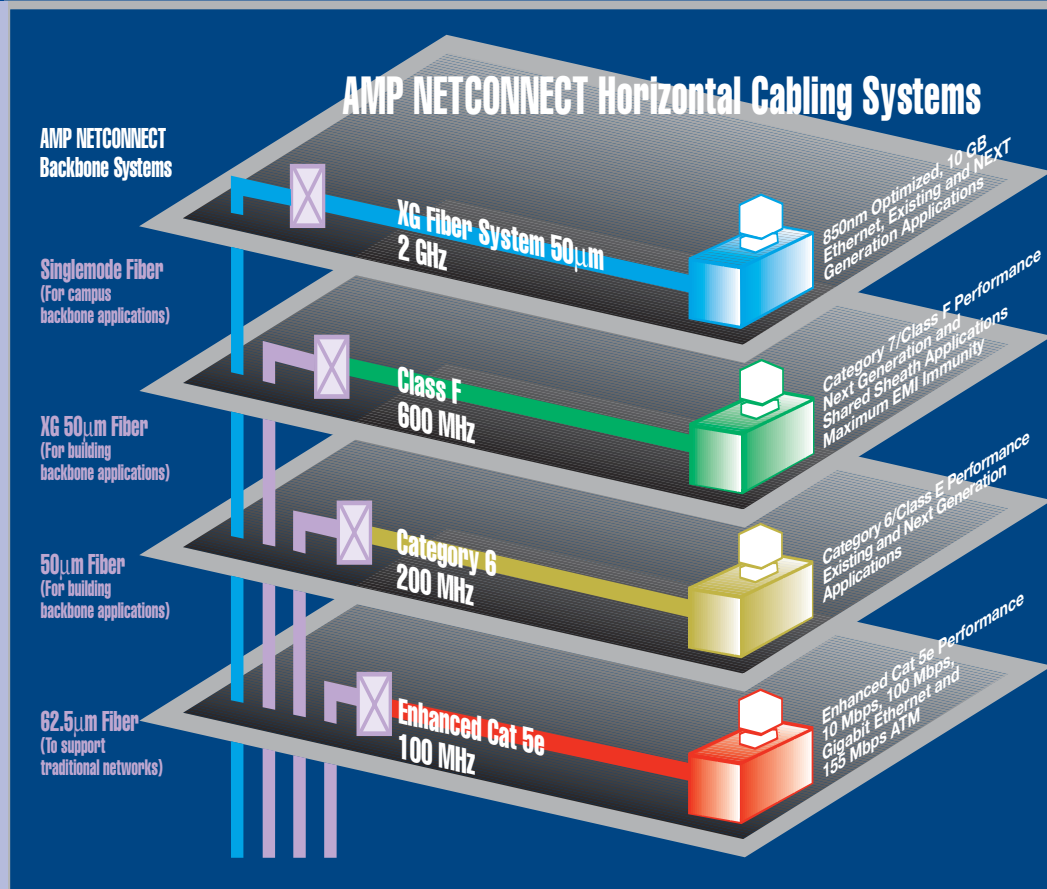
Inside the walls.
Under the floor.
Above the ceiling.
Deep in the wiring closet.
That's the universe of
Tyco Electronics, one of the
world's leading suppliers of
structured cabling systems.

Tyco Electronics designs and
manufactures end-to-end cabling
solutions, including unshielded and
shielded twisted pair copper systems
and singlemode and multimode
fiber-optic systems. And the
AMP NETCONNECT line of

structured cabling solutions is
recognized throughout the industry
for its dependability and engineering
excellence.

But networking systems is just one part
of this eleven-billion-dollar company.
The world's largest manufacturer of
electrical and electronic connectors,
Tyco Electronics has established a
presence in 51 countries and employs
more than 50,000 people. People who
constantly strive to create products
that prove to be better, faster and
more reliable than the competition.

Because every network is unique and has its own requirements, Tyco Electronics offers a full portfolio of AMP NETCONNECT total system solutions, cable and connectivity, designed to accommodate tomorrow's needs as well as today's.



New generation solutions for a new generation of networks.

Network users are demanding faster speeds, longer distances, greater bandwidth. Can your new cabling infrastructure deliver what they're demanding? More important, can it deliver what they'll be demanding five, ten, fifteen years from now?

Call Tyco Electronics. We've got the solutions that provide the performance you need, both for the network you're thinking about today and for the networks you haven't thought about yet.

AMP NETCONNECT

Twisted Pair Solutions:

Expanding the boundaries of copper.



AMP NETCONNECT Enhanced Category 5e System. *The highest Category 5e performance in the industry.*

If you're looking for an enhanced Category 5e/Class D system that's Gigabit Ethernet-ready and warrantied, AMP NETCONNECT Enhanced Category 5e is your system. It provides 10 dB improvement in attenuation-crosstalk ratio (ACR) across the entire frequency range, and its Power-Sum, Far-End Crosstalk and Return Loss performance

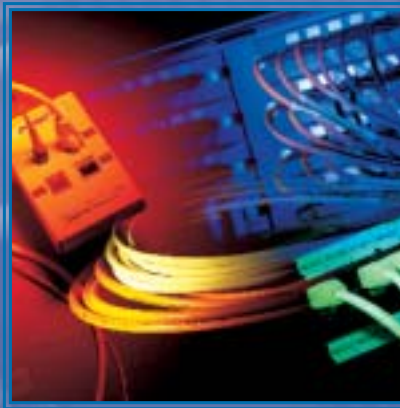
exceed the requirements for Gigabit Ethernet, TIA CAT 5e and any other network system requiring four-pair full duplex transmission. And it's designed for ease of installation and increased reliability for lower administration costs.

It's like Category 5e, only better.

AMP NETCONNECT Category 6 System. *A billion bits of data with zero errors.*

ETL SEMKO™ confirms it. The AMP NETCONNECT Category 6 System runs Gigabit Ethernet with a zero bit error rate and headroom to spare. It's designed and tested as a system to exceed all performance standards for the new 200 MHz Category

6/Class E specification, and it's powerful enough to take on the next big thing. You can't achieve this kind of performance with just a cable or a jack; you need a total system. Look to the system that's taking the industry by storm.



AMP NETCONNECT Category 6E. *More headroom. More performance.*

With so much headroom built into our Category 6 system, we are able to achieve a significant performance boost using our Cat 6 connecting hardware with our new Cat 6E cable. Through the use of a crosscut spline in the cable, we have increased pair separation for improved

crosstalk performance, providing a 5 dB improvement in attenuation-crosstalk ratio with an increase of less than 0.02" in plenum cable diameter. It's the UTP system that's way ahead of the performance curve.

AMP NETCONNECT Optical Fiber Solutions: *Redefining the speed of light.*

Gigabit technology has uncovered the limits of 62.5µm fiber. But AMP NETCONNECT 50µm fiber provides full gigabit performance at 550 meters in intrabuilding applications using either short-wavelength or long-wavelength lasers, making it the ideal choice for high-speed CNA installations.



AMP NETCONNECT MT-RJ Connector Fiber Optic System. *The brightest light in fiber optics.*

Through the campus or building backbone or to the desktop, the MT-RJ Connector System provides the extra bandwidth and distance capabilities demanded by gigabit networking systems and whatever comes after them.

Through the use of high-bandwidth multimode and singlemode fiber, the MT-RJ Connector System is

an ideal choice for today's high-traffic backbone installations. And the MT-RJ Connector System features the revolutionary MT-RJ connector, which packs full fiber-optic speed and reliability into a plug and jack the size of an RJ-45 connector. Its compact size enables increased port density in the closet and at the outlet. The AMP NETCONNECT MT-RJ

Connector System is easier to install and use than any fiber system has ever been. If you're looking for the fiber system for the third millennium, look directly into MT-RJ. It's brilliant.

The XG Fiber System. *Get ready for 10GB speed.*

AMP NETCONNECT XG is a complete system of multimode cable, cable assemblies, and connectors that allows 10 Gigabit Ethernet and 10 Gigabit Fiber Channel up to 300 meters using low-cost serial

transmission. It allows Gigabit Ethernet up to 900 meters and supports the full range of 50/125µm legacy LED and laser-based applications. If you're looking for a seamless migration to 10 gigabits, XG is your system.



The MT-RJ Connector. *The future of fiber-optic connections.*

You're looking at the future of fiber-optic connections.

Tyco Electronics, as part of a consortium of global industry leaders, developed the revolutionary new MT-RJ connector, which is rapidly becoming the de facto industry standard by LAN electronics manufacturers supporting the technology.*

MT-RJ is half the size of the SC duplex connector it's designed to replace, so it doubles the port density of any LAN electronic equipment that uses it. It's field installable in about a minute, because it requires no epoxy and no field polishing. And it's as easy to connect and disconnect as a telephone jack.

Designed to protect the secrets of the United States government, MT-RJ SECURE connectors are now available to protect your data from unauthorized users. Molded keying options on color-coded jacks and plugs provide mechanical security for your network.

For a list of the manufacturers who are designing MT-RJ into their LAN electronics, please check our web site at www.ampnetconnect.com/mt-rj or call us at 1-800-553-0938.

AMP NETCONNECT Structured Cabling Systems

Everything you need to make your building work.



AMP NETCONNECT Open Office Cabling Systems. *Reconfigure your open office a thousand times.* *Install your cabling system once.*

With an AMP NETCONNECT Open Office Cabling System, the people can finally work as well as the furniture. Wherever you park your modular furniture within the open office area, you're just a short run from outlets for power,

voice, data and video. Disconnecting and reconnecting can be done with minimal technical expertise. And instead of shutting down the whole office, you can confine the disruption to the area you're working in.

At last, "modular" is living up to its promise. You can take your office apart, reconfigure it however you need it, put it back together, and it works.



Power Distribution Systems. *Taking the power to the people.*

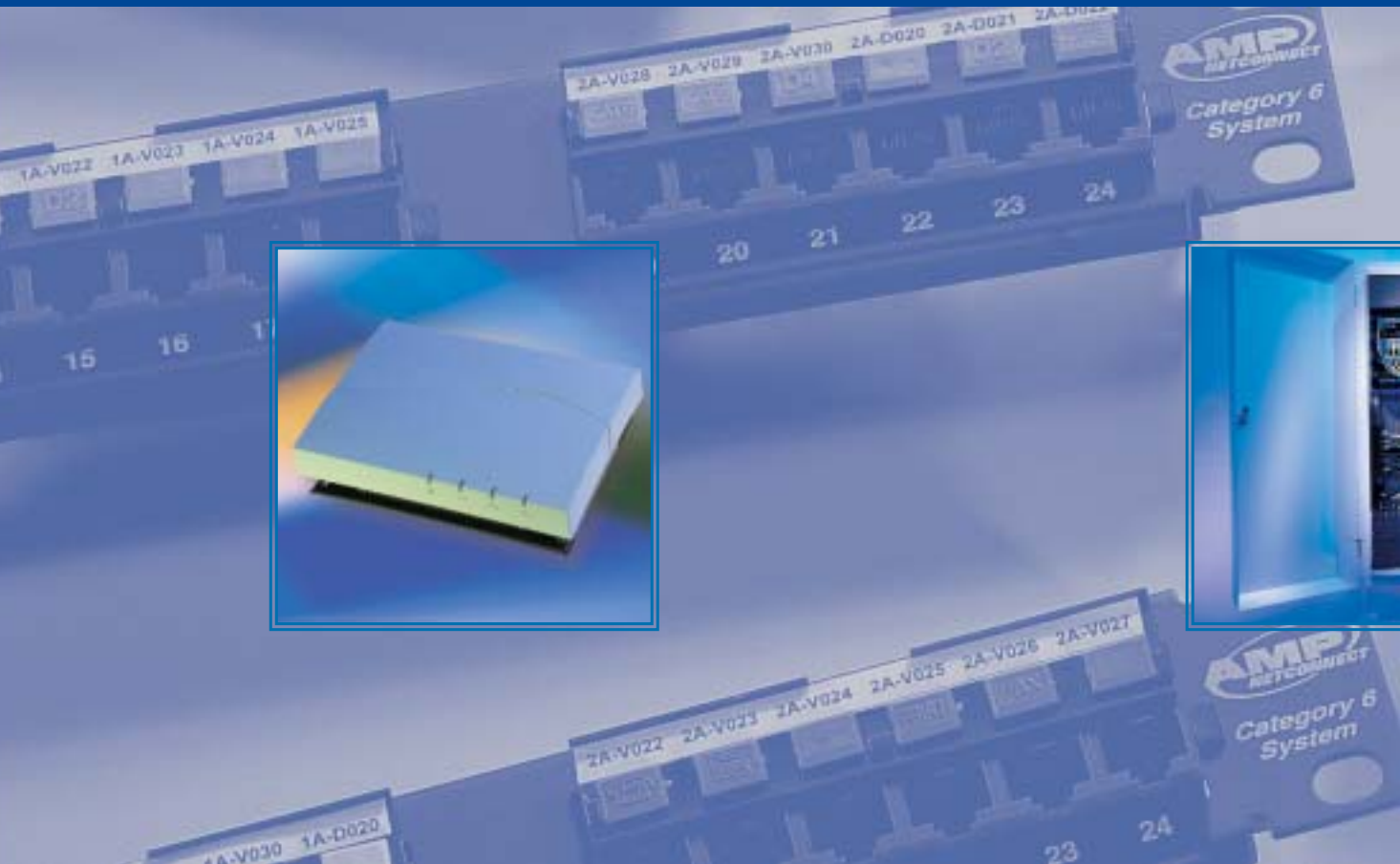
With all our expertise in delivering data to the people who need it, can we do the same thing with power? Absolutely. Our AMPINNERGY Modular Power Distribution System delivers power to

workstations in raised floor installations through the AMP NETCONNECT Access Floor Workstation Modules, modular office panels, and other systems allowed by code. And our Undercarpet

Cabling System works under NEC-approved carpet squares to make the most complex office wiring system simple, economical, changeable, and invisible.

AMP NETCONNECT Innovations

New solutions for the new work space.



AMP NETCONNECT Wireless Systems. *Send your data where the wires won't go.*

With new developments in wireless data technology, we can now design, spec, install and service a Tyco Electronics wireless LAN with better data capacity, reliability, mobility and convenience than ever before. You'll have seamless data transmission over your own private, secure airwaves to

users who don't have to be near the outlets.

- Adds flexibility to your wired network
- Perfect for schools, hospitals, offices where workers need to be mobile
- Total turnkey wireless solutions: design, specification, installation and service

- Powerful performance for the most demanding network applications
- Extended service and support programs available



Residential Cabling Systems. *Bringing office performance to the high-tech home.*

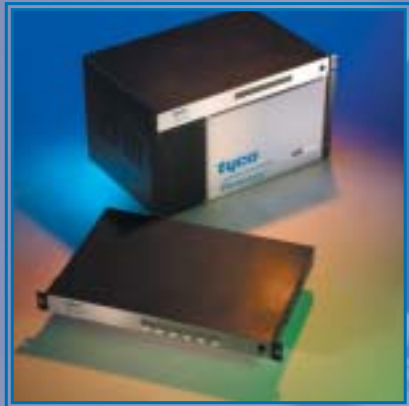
Once you've mastered the wiring of the workplace, you might as well go home. The AMP NETCONNECT Residential Cabling System provides for whole-house distribution of voice, data and video. All incoming signals—from CATV, DSS,

DSL, Cable Modem, telephone, or any other source—are fed into the AMP NETCONNECT Media Convergence Center and then distributed to multimedia outlets located throughout the home. Designed for simplicity

and ease of maintenance, the system supports data rates up to 1 gigabit per second and is fully compliant with residential and commercial cabling and safety standards.

AMP NETCONNECT Management Solutions

Keep the network working.



AMPTRAC.

The intelligent solution to connectivity management.

Tyco Electronics is partnering with software provider iTRACS to introduce the next-generation cable management solution. AMPTRAC is designed to enable enterprise customers to minimize network downtime, reduce

staff workload, and streamline moves, adds and changes. AMPTRAC accomplishes this by automating the management of the physical layer, providing network administrators with instantaneous connectivity status and automatic

documentation of the network. Category 5E, Category 6, and MT-RJ optical fiber solutions are available for both new and existing networks.

AMP NETCONNECT Data Center Solution *Getting you connected at the speed of light.*

AMP NETCONNECT offers the products you need for quick and easy installation of high performance data center and storage area network applications. Combining pre-terminated cable assemblies and cassettes makes

installation as simple as “plug-and-go”: mounting the cassettes, pulling or placing the cables, and plugging the cables into the cassettes. Networks can be up and running in days, not weeks or months.



AMP NETCONNECT Labeling System *How smart administrators know what's what.*

Simplify your cabling system administration with the AMP NETCONNECT Labeling System. Windows-compatible software makes it a snap to

generate complex alphanumeric sequences and edit and save them for future use. For a freeware demonstration, visit www.ampnetconnect.com.

AMP NETCONNECT Performance.

Engineered with Tyco Electronics Quality.
Backed by the Tyco Electronics Warranty.

It's Standard Equipment.

This coverage is automatically part of the package when you specify AMP NETCONNECT products end-to-end and when a Tyco Electronics-authorized NETCONNECT Design & Installation (ND&I) contractor registers the network design with Tyco Electronics and performs the actual installation in accordance with AMP NETCONNECT requirements.



Who's Covered.

Unlike most system suppliers, Tyco Electronics provides warranty coverage directly to the end user.

Many suppliers provide coverage to the installers, who then provide coverage to the customers. But with the Tyco Electronics warranties, there are no middlemen. The warranties are between you and Tyco Electronics.

Which means if something goes wrong, we'll fix it.



We are confident that your AMP NETCONNECT system will keep performing to current industry standards. If ever it does not meet those standards within 25 years of the date of installation, we'll provide the reasonable parts and labor to replace or repair the AMP NETCONNECT product.

- 25 years coverage on system performance
- 25 years coverage on components
- 25 years coverage on applications
- Based on industry standards
- Includes parts and labor
- Tyco Electronics provides coverage directly to the end user— if something goes wrong, Tyco Electronics will make it right





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