



Office Networks

**Commercial
Enterprise Cabling**



 **Tyco Electronics**
Our commitment. Your advantage.

IT Everywhere

IT – The Global Driver of The Daily Business

Today, IT has become integral to business procedures, communications and general efficiency and effectiveness, whether professional or personal.

Today's demands require varied solutions from a global company and as such, AMP NETCONNECT is able to meet these demands through its diverse and complete portfolio of:



- Copper, Fiber and W-LAN technology
- Shielded and Unshielded copper technology
- Cat. 5, Cat. 6, Cat. 7
- Cat. 6_A and Cat. 7_A
- IP 20 to IP 67 environments
- Fully compliant real 10G copper solutions

AMP NETCONNECT is a global cabling system supplier offering an extreme wide portfolio in order to fulfill our customer's requirements in each of the following environments:

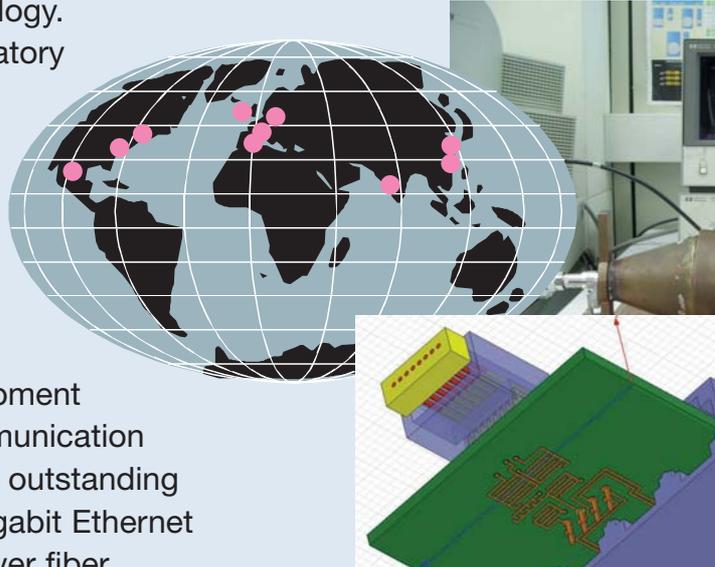
- Office
- Home Office
- Production/Industrial plants
- EMC sensitive areas
- Data Center
- Campus



Full Range of Solutions

The Global Network of Tyco Electronics Labs.

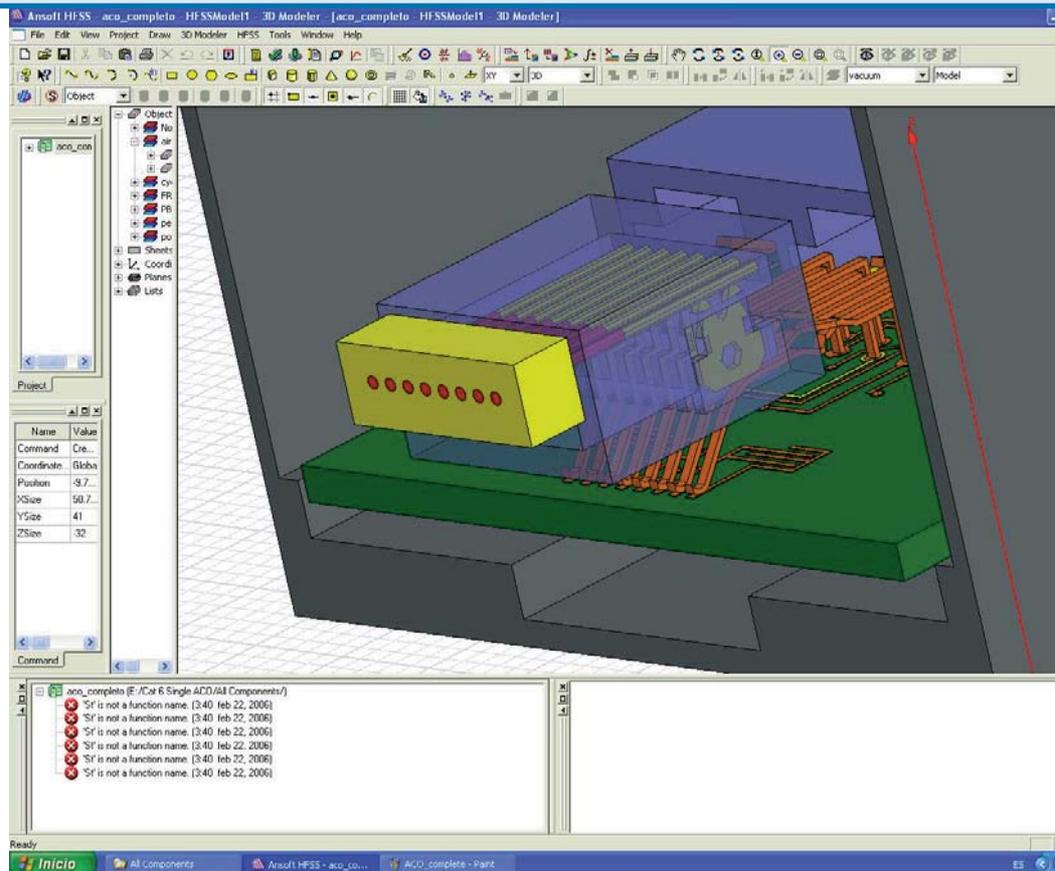
Tyco Electronics, a world leading manufacturer of global communication technology, has designed and evaluated many options to support future data speeds in Local Area Networks. We have developed a technology matrix that provides IT administrators with a clear overview of available technology. An extensive laboratory research that is needed to support existing and emerging applications, combined with many years of experience in development for global telecommunication providers results in outstanding solutions for 10 Gigabit Ethernet over copper and over fiber.



Design and High-Tech Development

AMP NETCONNECT use extremely new and development tools to provide functional and reliable products.

With software simulation and real practical tests, we always seek to ensure the best possible product performance.

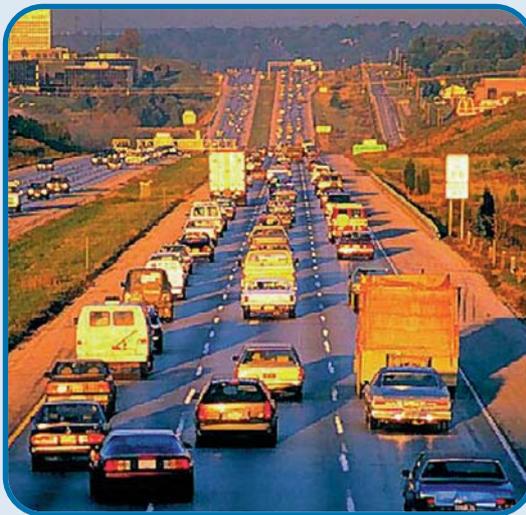


A Wide Range of Knowledge

What is important to you?

You can trust AMP NETCONNECT's global design and quality knowledge. Reliability is an extremely important issue in IT equipment and AMP NETCONNECT supports this with more than 60 years of experience in developing technical products in a wide range of industries:

- Aerospace
- Military
- Automotive
- Computer & Telecommunication



Customer Satisfaction

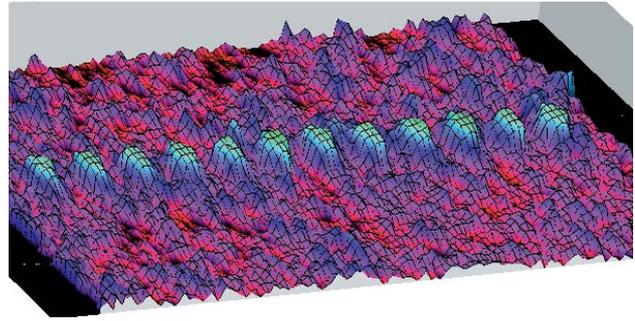
Our success depends on customer satisfaction. We strive for extraordinary performance in every area of our business. We will only have satisfied customers when we understand their needs, requirements and preferences, and when our performance in every area is aligned to meet or exceed these expectations.

Continual Improvement

Our goal is to identify and implement best demonstrated practices throughout the company, with a continuing challenge to identify opportunities for innovation and improvement. An important method for improvement is the motivation, education and development of all employees. This is a joint responsibility shared between employees and management.

Error-Free Products and Services On Time

Every employee is responsible for the quality of their own work. Our goal is to reduce variability to achieve zero defects for our products and services while improving cycle times. A common set of metrics is used to measure, report and drive improvement. Each defect must be eliminated by systematic corrective and preventive measures.



3D Interferometer picture 12 fibers

Quality

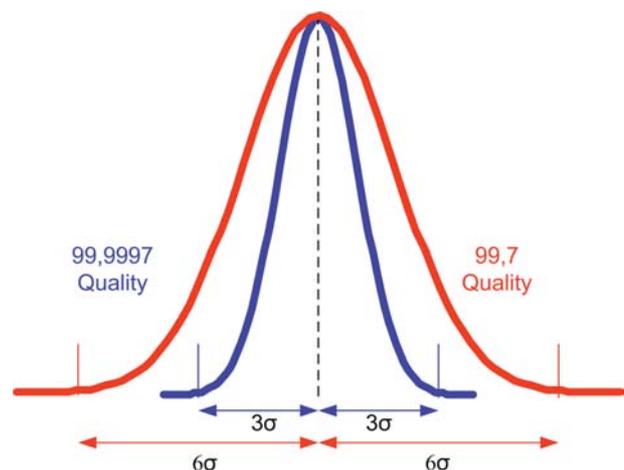
Within Tyco Electronics, Operational Excellence means maximizing our customer satisfaction, market position and financial results by ensuring continual quality and cost effectiveness in our processes, products, and services. Deployment of Operational Excellence enables us to meet the commitments set by our Quality Policy.

Quality Policy

It is the policy of Tyco Electronics to deliver error-free products and services on time. Processes and controls shall be implemented so that tasks are performed properly the first time and to ensure that all products and services provided to our customers and to internal operations meet established requirements. Quality, continual improvement and customer satisfaction are the personal responsibility of each of our employees.

Six Sigma Quality

This qualification covers all facets of the business, from production to accounting sales and marketing. This equates to just 3,4 failures for every 1 million possibilities, or 99.99966% error free. Six sigma is state of the art quality management for all modern high tech companies.



AMP NETCONNECT Range of Complete Cabling Systems

Fiber Optic Cabling Systems

Complete Fiber optic cabling systems capable of handling applications like 10 Gigabit Ethernet and beyond.

Class F and F_A Copper Cabling Systems

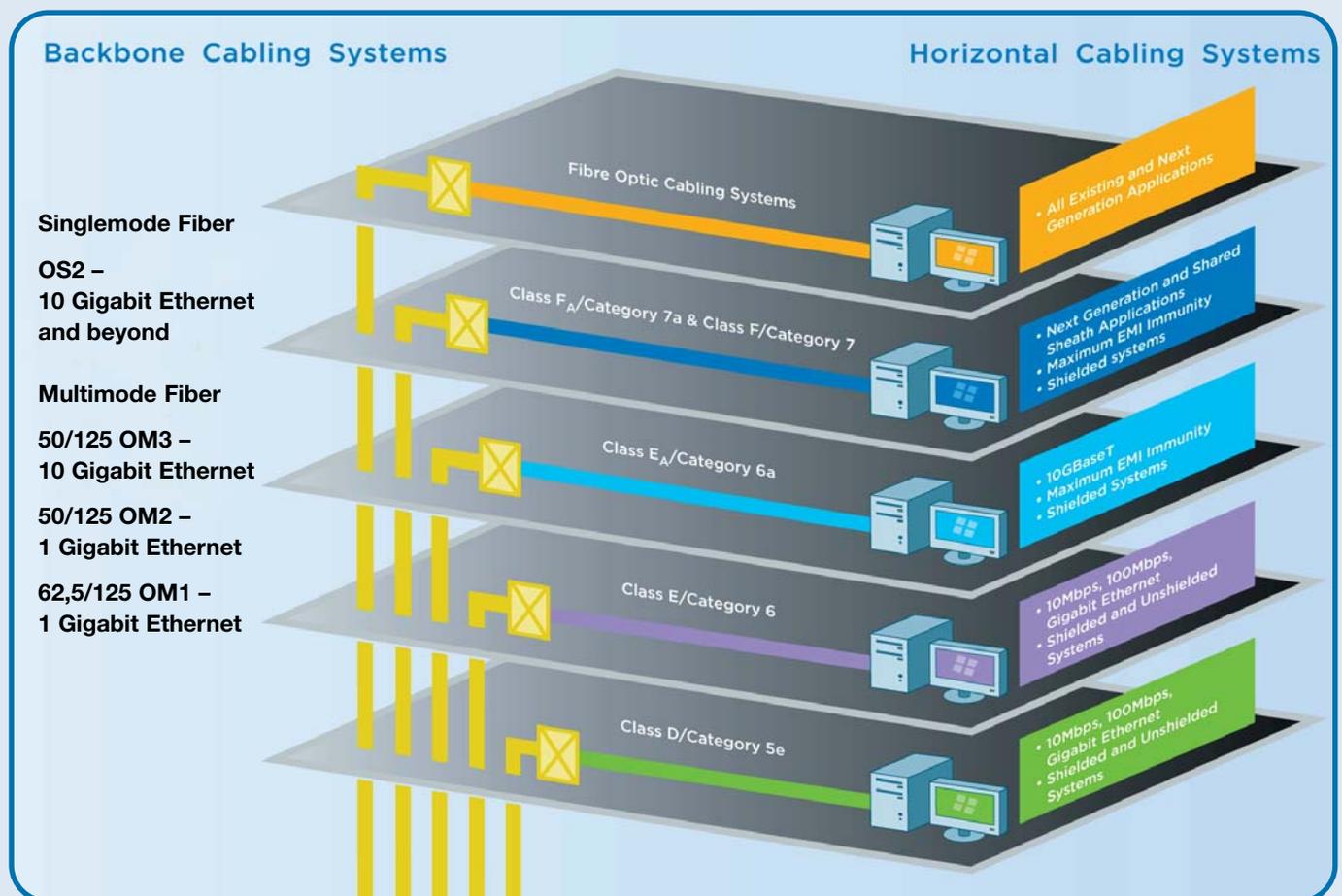
A shielded copper cabling solution which exceeds the requirements for 10 Gigabit Ethernet providing greater than 1200 MHz of bandwidth and sheath sharing solutions.

Class E and E_A Copper Cabling Systems

Class E/Category 6 cabling systems, either unshielded or shielded.

Class D Copper Cabling Systems

Class D/Category 5E cabling systems, either unshielded or shielded.



Cost effective flexible total solutions

We provide more than components. Our approach is always a complete End-to-End-System, including the installation environment and the installation of the system itself.

We see the total picture – all our solutions are cost efficient and provide excellent value for money.

Those advantages are achieved by:

- Supportive innovative tools
- Innovative cable management
- Infrastructure management
- PoE solutions
- Open frame solutions
- Integration into design faceplates

As a global company we are able to keep up to date with local market trends through our regional technical and sales teams.

Through this local awareness we are able to develop this technologies to meet local needs with products such as:

- Cat. 6 (Pyramid Tested)
- Cat. 7
- Small form factor connectors

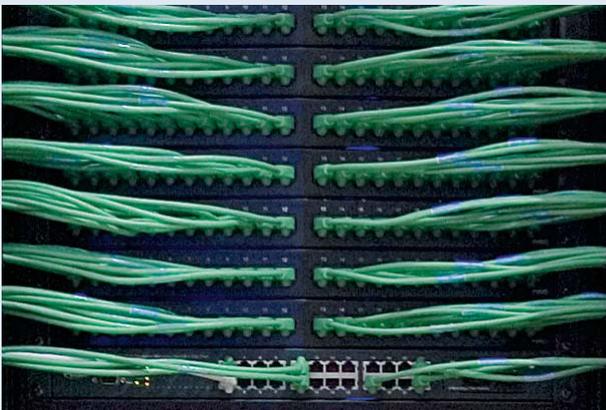
and many other key developments.



RECORDsplice for Fiber Splices



SL Tool



State of the Art Cable Management



AMP CO Tool



LightCrimp Plus

AMPTRAC Infrastructure Management System



The AMPTRAC Infrastructure Management System turns cabling systems and their connected devices into intelligent networks by reducing costly and time-consuming manual cable management. With this system, you can track and document all moves, additions and changes to your network from a centralized location as they occur. This fully automated system optimises asset utilisation, maintains accurate documentation and helps prevent costly errors.

The AMPTRAC Infrastructure Management System's easy to implement hardware coupled with iTRACS cutting-edge software can be integrated into new or existing network.

By allowing you to proactively respond to any changes in connectivity through customisable alerts or alarms, the iTRACS software optimises your network monitoring and security.

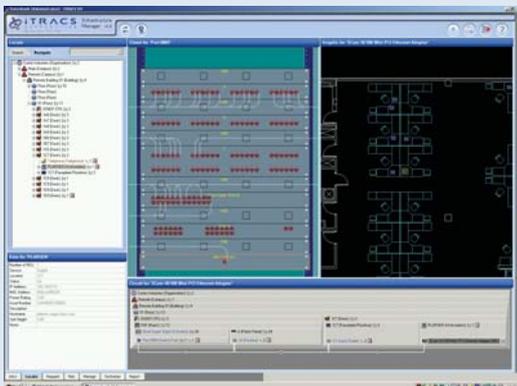
AMPTRAC hardware when used in conjunction with iTRACS software provides a link that integrates network management and physical layer management – revolutionising the way networks are controlled and documented. This one-of-a-kind infrastructure management system automatically generates a complete physical topology of your network at the Telecommunications Room/Data Center, while helping you manage and trouble shoot the network remotely.

System features and benefits

- Reduces downtime and response time
- Integrates network and physical layer management
- Helps to increase productivity
- Reduces operating costs
- Improves port and asset utilization
- Provides accurate and timely information
- Improves service levels
- Analyzers sized for enterprise and branch locations

Analyzers

The AMPTRAC Infrastructure Management System Analyzer discovers connects/disconnects and communicates the port ID information in real-time to the AMPTRAC database software over a TCP-IP connection. When a patch cord is inserted or removed from a port, the



AMPTRAC sensory circuit immediately notifies the database software to update and document the change in connectivity. This provides network administrators responsible for small to enterprise wide multi site networks, with vital time saving up to-the minute information about the status of their network from the hardware layer up. Any change in connectivity can be checked and authorization verified, and if appropriate, action taken if the action is unauthorized.

Hi-D Connect Cable Management System

The Hi-D Connect Cable Management System has been designed to overcome cable organization and maintenance issues through innovative design. With this solution the port density of a standard 800 x 800 cabinet can be increased to 720 ports per cabinet face. This density is achieved by patented bend control designs that automatically ensure minimum bend radii of the installed patch cords. The easy accessible cable retentions provide maximum user flexibility.

The Hi-D Connect Cable Management System supports design and installation simplicity as well as integration into a wide range of cabinet environments.

Features

- Integrated bend control
- Reduced maintenance time
- Angled high-density modular patch panels
- Ready for Infrastructure Management
- High availability = cost saving



Certified 3rd Party Testing

All of our systems have been tested globally by accredited 3rd party labs. The global standard is ISO/IEC 17025 and sets a quality procedure and the necessary steps to be recognized.

As AMP NETCONNECT act and think globally, we can provide certificates for each specific region in accordance to the relevant standards. This can be either ISO/IEC, EN or TIA/EIA standards.

For most systems we can provide certificates from:

- ETL SEMKO
- GHMT AG
- DELTA



System Warranty

We ensure 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 reasonable parts and labour 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 labour
- Tyco Electronics provides coverage directly to the end user – if something is wrong, Tyco Electronics will put it right



* Some conditions may apply. For more information contact your local AMP NETCONNECT sales office (see backpage of this brochure for Phone and Fax).

Training Program

To provide the 25 years warranty the installer must be trained by Tyco Electronics. All installers receive the highest standard of training of our products and systems.

More importantly we provide updates to make sure that our certified installers always update and install to highest quality standards.



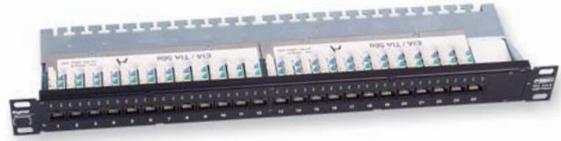
Our Competitive Edge

Our solutions provide more than most cabling solutions on the market

AMPTRAC Ready!

Install your systems with a future option for active online documentation and asset management.

AMPTRAC
Ready!
panel



Evolutionary installation

All systems use extremely quick technology on the market, the SL tool combined with AWC, the warranty of reliable quality.

SL tool



Optical and ore physical coding

For special environments requiring a higher level of security, we can provide a complete range of optical and copper connectivity with color coding and physical keying of plugs and jacks.

Secure
system



EMC sensitive areas

As EMC affects all areas, we provide an excellent shielded solution for maximum protection.

EMC
issues

10 Gigabit Ethernet over Twisted Pair: The Challenges



Global support

As we are a global organization, we can deliver all solutions anywhere worldwide.

Global
support



Warranty

Tyco Electronics offer a global 25 year warranty.



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