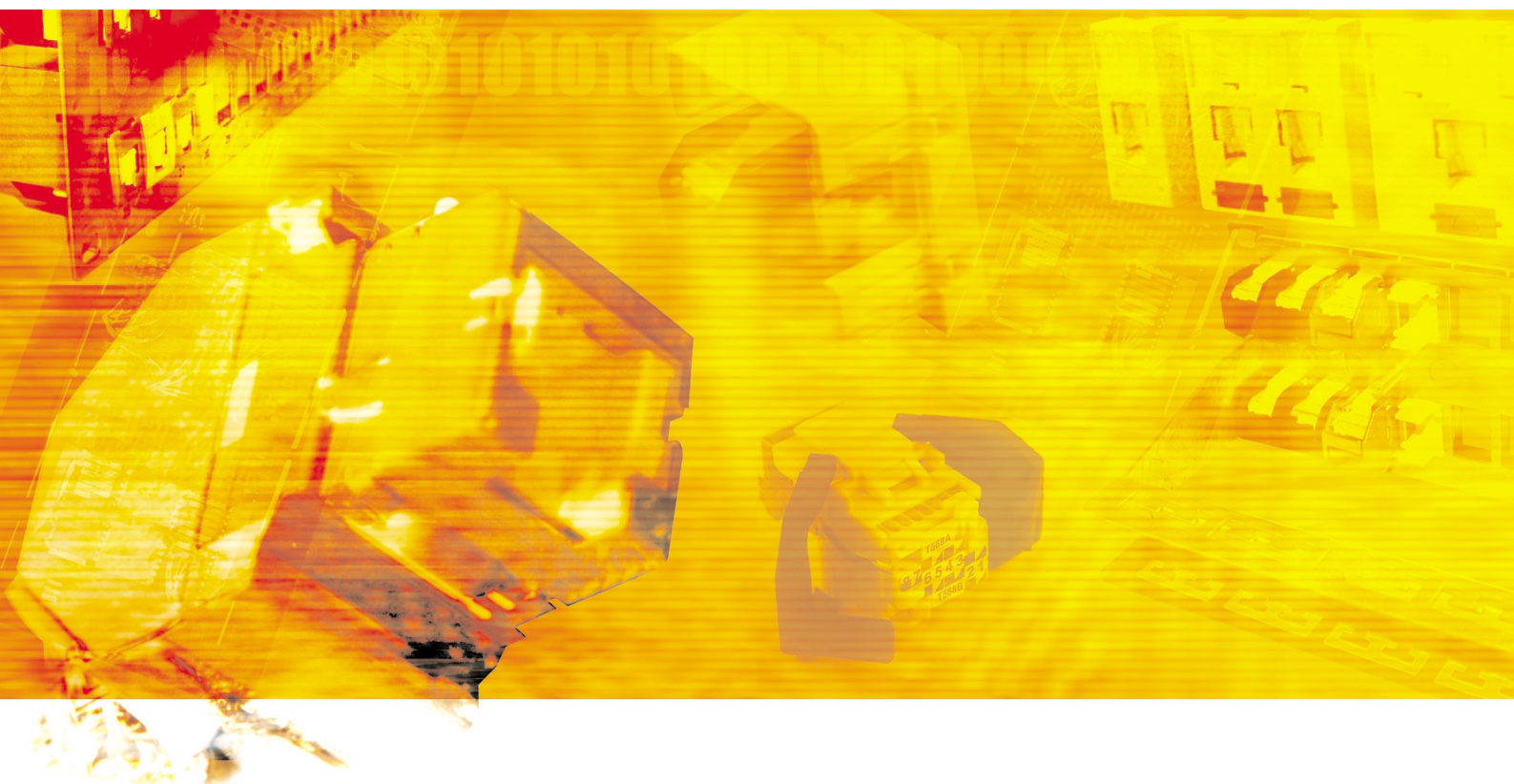


3M Telecommunications

Solutions for Networks



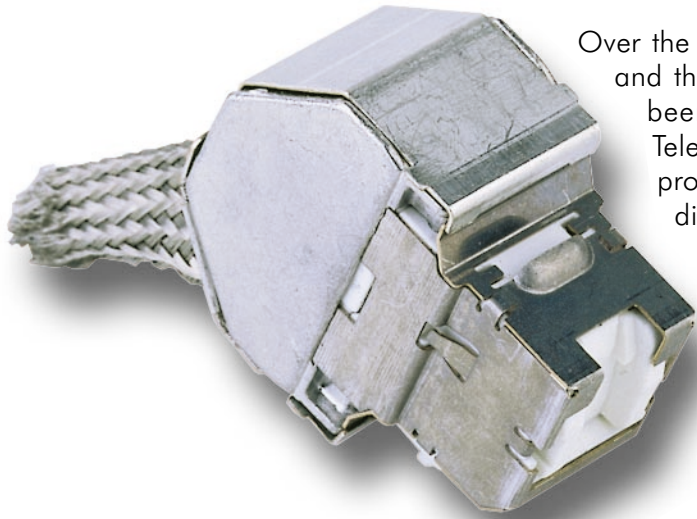
Volition™ Cabling Systems



Volition™ Cabling Systems



At 3M we've given over 40 years of serious thought to networks and how to make them better. With Volition™ Cabling Systems, 3M now offers complete solutions for copper, hybrid or fibre optic networks, ensuring a clear path for broadband migration. Volition Cabling System is the most comprehensive structured cabling system on the market today.



Over the last decade, the growth in information technology and the need for high performance communications has been exponential. During this time, 3M Telecommunications has continuously upgraded its product line. We have taken into account customers' differing requirements with a choice of performance levels that provides unrivalled flexibility and reliability for every type of network demand.

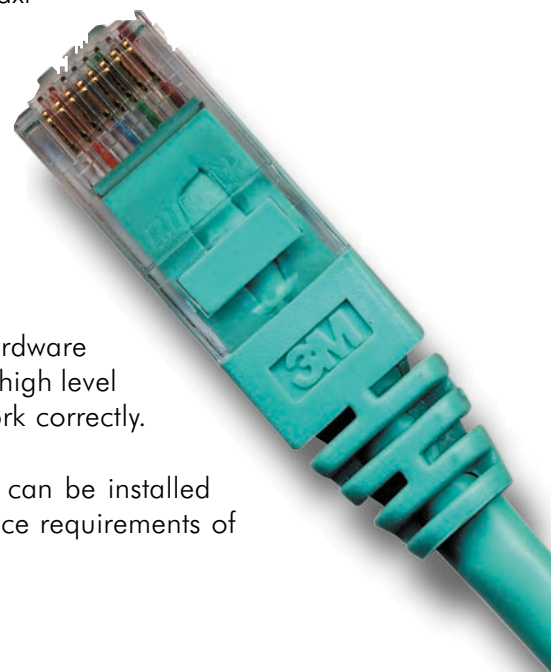
The Category 6 Copper Cabling System

Our high-end Copper Cabling System is a complete solution consisting of patch panels, patch cords, jacks, cables and faceplates that offers maximum performance at an economic cost.

Incorporating all the features you have come to expect from 3M, the Category 6 Copper Cabling System based on the RJ45 K6 jack offers true Category 6 hardware performance compliant to the latest international cabling standards ISO/IEC 11801, EN 50173 and EIA/TIA 568B. This goes far beyond the typically offered and limited Class E/Category 6 link performance components on the market.

Up to now, the level of performance demanded by the category 6 hardware standard has been so high that installers were often required to have a high level of skill and a lot of time in order for the system to be installed and work correctly.

Now, thanks to the one-click technology, the RJ45 K6 jack from 3M can be installed absolutely tool-free in record time whilst still exceeding the performance requirements of Category 6.



Volition™ Cabling Systems



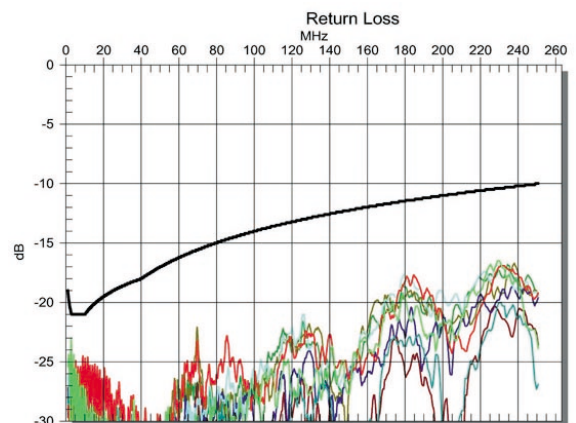
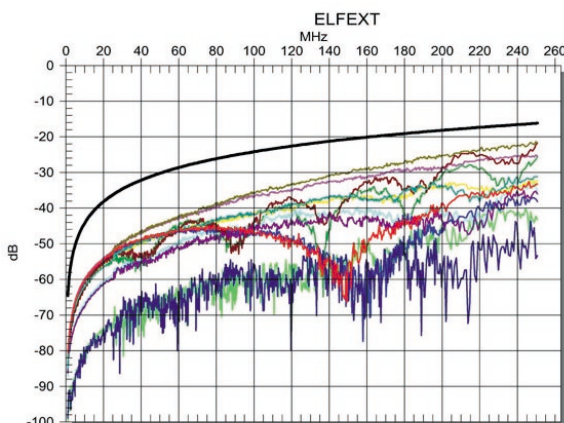
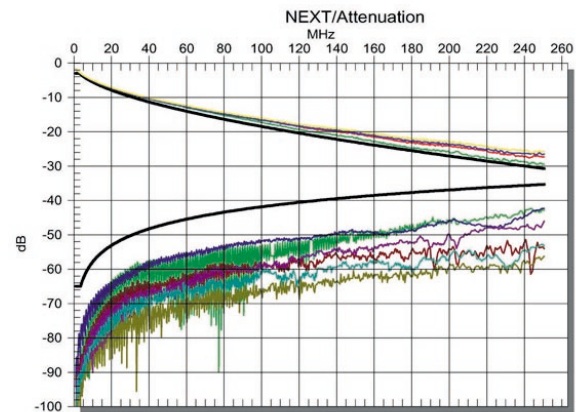
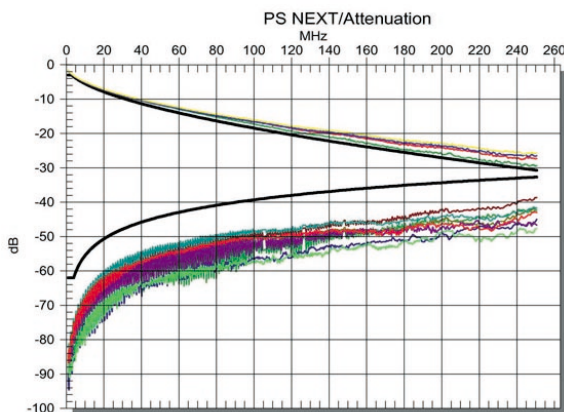
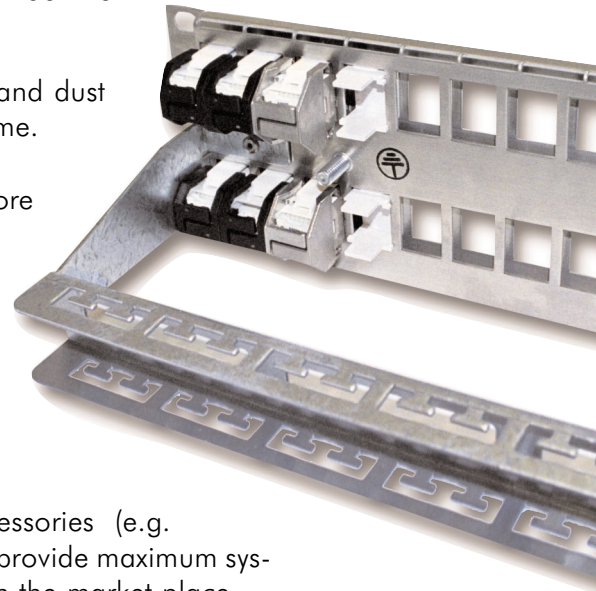
The RJ45 K6 jack design guarantees consistent and repeatable results. But in the unlikely case of an installation mistake the RJ45 K6 jack can be re-used right away without the need to purchase any spare parts.

The integral shutter protects the jack during installation from dirt and dust and ensures protection and the highest reliability over system lifetime.

In modern office buildings, aesthetic aspects are becoming more important. Keystone fixing make the RJ45 K6 jack compatible with most faceplates and boxes on the market, and thus offering nearly unlimited design possibilities.

With three versions of the system available in UTP, FTP and STP the Category 6 cabling system is suitable for all the EMC protection levels required in different environments and markets.

Associated with the RJ45 K6 jack are system components and accessories (e.g. cable, patch cords, outlets, patch panels...) which are optimized to provide maximum system performance and reliability for all applications you will meet in the market place.



Volition™ Cabling Systems



Real Category 6 Hardware performance

Integral dust shutter

Easy to install

No tools required

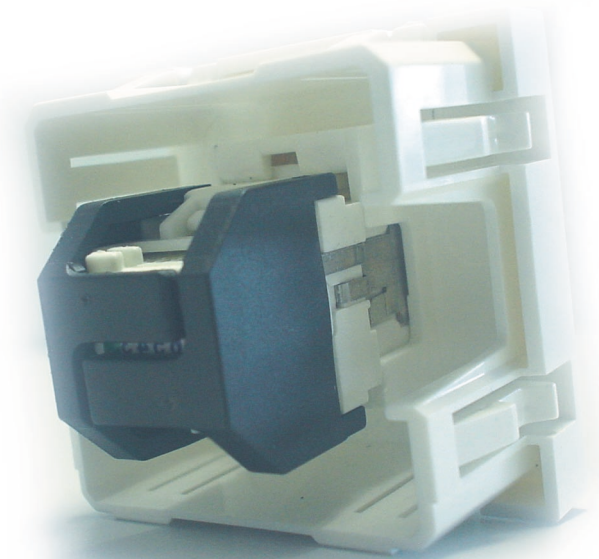
Re usable

Keystone mounting

Available in 3 versions UTP, FTP and STP

Compliant with the latest standards

Wide range of accessories



Feature

Significantly exceeds Category 6/CLASS E link performance requirements

Protects contacts from dirt and dust

Quality of installation independent of skill-level

Extremely short termination time

Less wastage

Widespread mounting applications

Suitable for all EMC protection levels

Compatibility with future systems and applications

Guaranteed solution in every case



Benefit

Volition™ Cabling Systems



Category 6 opens up new bandwidth horizons, providing a network infrastructure that has two and a half times more bandwidth than the current Category 5e standards. As Category 5e is already capable of running Gigabit Ethernet, Category 6 offers genuine benefits for the future. The 3M Volition Category 6 cabling system will give you the ability to have a fully backward compatible structured cabling system, allowing you to expand your existing Category 6 system or to build a new network for the future.

With the RJ45 K6 jack representing the 4th generation of tool-less termination jacks from 3M, with tens of millions of jacks installed since 1994, you can be assured of its reliability. As you would expect, an extended 20 year warranty is also available. If you do need assistance 3M is able to offer full technical support through its world-wide technical service organisation including:

- certified installer training courses

- network design support

- on-site installation support

With the 3M Volition Cabling System, 3M offer complete solutions for copper, hybrid or fibre optic networks, ensuring a clear path for broadband migration with minimal upheaval and at an economic cost.

No matter where your network is going, 3M can get you there. Whatever your migration path to broadband networks for voice and bandwidth-intensive applications in a building or campus environment, 3M will assist you in building the most efficient, reliable and cost-effective solution.



Call your local 3M office today and we will help you take your network wherever you want it to go

important

important notice

3M does not accept responsibility or liability, direct or consequential, arising from reliance upon any information provided and the user should determine the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.

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If any goods supplied or processed by or on behalf of 3M prove on inspection to be defective in material or workmanship, 3M will (at its option) replace the same or refund to the Buyer the price of the goods or services.

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