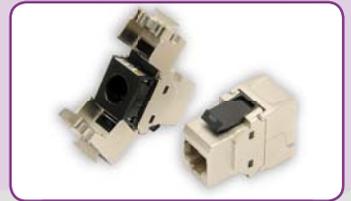


GIGANET - MANUFACTURED TO INTERNATIONAL QUALITY STANDARDS

COPPER CABLING GIGANET

CATEGORY 6A F/FTP CABLING SYSTEM

SYSTEM CATALOG



GIGANET



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The Giganet cabling system has been designed & manufactured by industry experts who have over 15 years experience and knowledge on Infrastructure Cabling solutions. The Giganet Brand has been developed with stringent quality controls and the Installer in mind ensuring application performance and ease of termination.

With warehouse locations in the UK, Middle East & Africa, Giganet Networking Solutions have stock for immediate deliveries. Our dedicated teams have a specialist level of expertise, to help with design, pre-sales and after sales support.

The Giganet Copper and Fibre systems support full convergence in an ever demanding workplace. The Giganet Brand is the best priced performance solution which is globally manufactured to exceed International cabling standards.

The Giganet Certified Installer training covers best practices in both copper and fibre with theory, videos, e-learning and practical sessions. This prepares accredited Installers to provide a comprehensive 25 years application warranty covering both products and labour.



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**GIGANET
25 Year
System Warranty**

There is an ever growing demand to support bandwidth in real time applications such as multi-media, video conferencing, database access, storage and convergence.

Lower Internet bandwidth costs have resulted in the growth of Cloud Computing and managed services with centralized Data centres, Storage Area Networks (SAN), server farms, disaster recovery back up sites for central management of business and continuity.

The answer lies in installation of industry ratified Category 6A shielded IEE 802.3an 10Gbase-T twisted pair cabling.

FEATURES & BENEFITS

- Longer Projected cabling life cycle
- Superior Alien cross talk performance
- Small cable diameter means more cable in same cable containment
- Fast and Simplified Grounding & Bonding
- Excellent in suppressing EMI and RFI Noise
- Better Return on Investment (ROI)
- Excellent price / performance
- Increased Data Security
- Future proof Network
- Growing shielded market adoption



FEATURES & BENEFITS

- Verified by Delta EC and 3P to be compliant with Category 6A, Class EA.
- RoHS compliant with ergonomic features
- High quality die cast housing channel locks
- Guided wire pre-sorting technology to help ensure proper installation
- Easy termination cap for quick installation
- Suitable for 10Base T Ethernet applications
- Designed to easily & quickly snap in and out of wall outlets and patch panels.

PRODUCT INFORMATION

Product Description

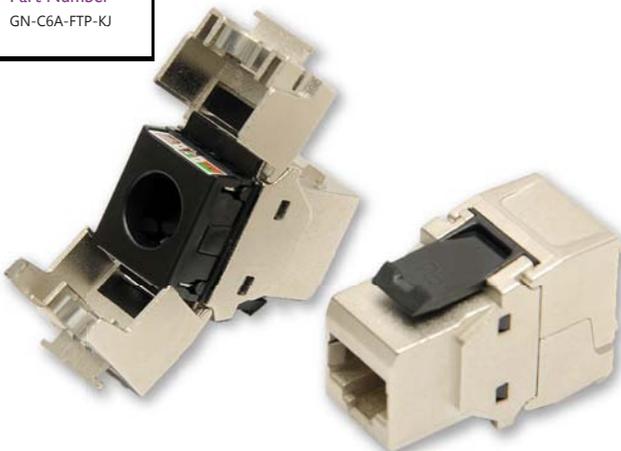
- Giganet Category 6A Shielded Die-cast Tool-less Keystone Jack

Part Number

GN-C6A-FTP-KJ

The Giganet Category 6A shielded Tool-less Keystone jack meets all international ANSI/TIA/EIA, ISO/IEC and CENELEC EN50173 standards for Alien crosstalk suppression transfer impedance, shielding, grounding and bonding via a simple PCB compensation design. The shielded Jack is a key component of the Giganet Category 6A compliant system offering enhanced EMI and Alien crosstalk performance.

The Tool-less design allows all the 4 pairs to be easily terminated with a pair of channel locks in the fastest and reliable termination process. The Jack can be mounted into patch panels, faceplates, floor boxes and work area enclosures. The enhanced Giganet 6A shielded cabling system delivers high network performance today and investment protection for future networks.



www.giga-net.co.uk

The snap-in patch panels compliment key-stone jacks and offer a flexible rack mount patching solution. The keystone jacks are ordered separately and quickly snap into blank patch panels. This modular capability allows custom configuration of panels to suit a variety of applications.



FEATURES & BENEFITS

- ROHS Compliant
- Designed to reduce Alien cross talk.
- Suitable for shielded keystone jack mounting and grounding
- Compatible for 24-port applications in 1 Unit Height
- Port orientation protects pin arrays from dust and enhances contact reliability
- Full port numbering identification and individual pre-printed port labelling area
- Pre-assembled & detachable manager for enhanced cable management
- Easy Insertion and removal of the CAT6A shielded Keystone
- Grounding Strip for earthing of panel.

PRODUCT INFORMATION

Product Description	Part Number
▪ Giganet Category 6A 24 Port Patch Panel with Rear Wire Manager	GN-C6A-FTP-PP-24
▪ Giganet Category 6A Angled 24 Port Blank Patch Panel with Rear Wire Manager	GN-C6A-FTP-PPA-24



FEATURES & BENEFITS

- Performance exceeds ANSI/TIA/EIA 568-B.2-10
- Shielding eliminates Alien Cross Talk between adjacent cables
- Reduce EMI to support 500Mhz
- F/FTP cables provides for extra margin of performance for high bandwidth applications

The Giganet Category 6A F/FTP cable has been designed for maximum performance at 500Mhz and is ideal for a 10 Gigabit Network.

The four individual pairs are fully shielded with an overall foil to ensure immunity from Alien Cross talk and other external interference. The performance is guaranteed at 500Mhz and meets and exceeds IEC 61156-5, EN 50173, EN 50288, TIA 568-B.2-10. The Cat 6A system supports emerging and convergence applications.

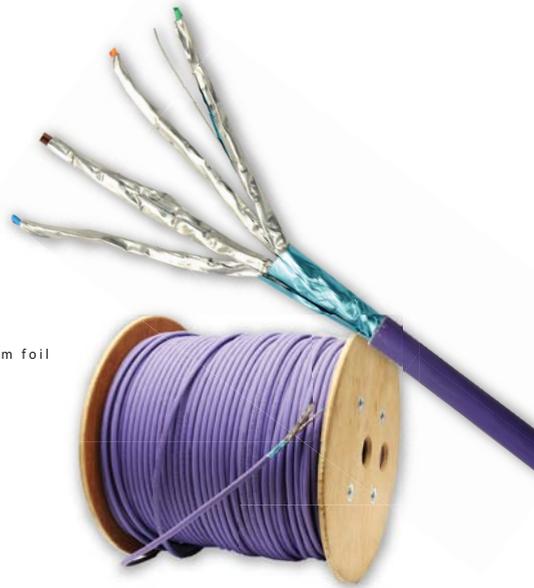
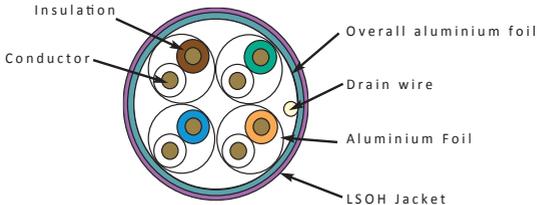
PRODUCT INFORMATION

Product Description

- Giganet Category 6A Solid F/FTP LSOH Cable - 305m drum

Part Number

GN-C6A-F/FTP-LSOH



The Giganet Cat 6A shielded patch cords use 4 pair twisted pair stranded copper wires, with individual foil per pair and enhanced pre-terminated shielded plugs at both ends and feature cable strain boots for optimal performance whilst eliminating alien cross talk.



FEATURES & BENEFITS

- Provides enhanced EMI protection & improved Alien Cross Talk and return Loss
- Pre-terminated with quality shielded plug and anti snag strain relief boots
- Stranded cable provides pair symmetry and robust strain relief
- 100% Factory tested to ensure optimal performance and compliance
- LSOH cable Jacket
- Exceeds 10G channel and component requirements
- Suitable for high density data centre blade equipment
- 10G channel performance when installed as a complete Giganet CAT6A system
- FCC / IEE compliant

PRODUCT INFORMATION

Product Description	Part Number
▪ Giganet Category 6A FTP 1 metre Patch Cord	GN-C6A-FTP-PC-01M
▪ Giganet Category 6A FTP 3 metre Patch Cord	GN-C6A-FTP-PC-03M
▪ Giganet Category 6A FTP 5 metre Patch Cord	GN-C6A-FTP-PC-05M

* Other colors available on request



The Giganet range of high quality tools and testers manufactured to high quality standards for use in termination and testing of structured cabling installations.

The Punch down tools, Stripper, Crimping Tool, LAN Tester and Fiber Optic Termination Kit provide the installer with all he needs to install and test a Structured Cabling System.



FEATURES & BENEFITS

- Ease of use, versatile and convenient "All in one" toolkit
- Reliable and manufactured to high quality
- Robust toolkit carry case
- Optional Individual products
- Quick and easy mini continuity tester

PRODUCT INFORMATION

Product Description	Part Number
▪ Giga-net Krone Low Impact punch down Tool	GN-561002
▪ Giga-net Automatic High Impact Tool	GN-561005
▪ Giga-net Cable Stripper	GN-561010
▪ Giga-net Mini LAN Cable Tester	GN-560060
▪ Giga-net Crimping tool for modular RJ11/12/45	GN-561047
▪ Giga-net All in one Tool Kit	GN-561110
▪ Giga-net Precise cutter & Stripper	GN-561063
▪ Giga-net Cyclops Cable Jacket Stripper	GN-561064



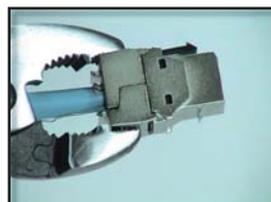
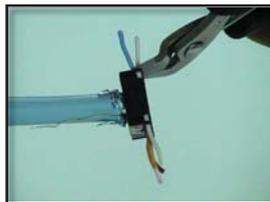
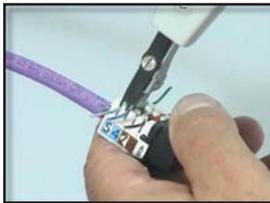
The Giganet certified structured cabling training provide a comprehensive in-depth theory and practical skills on design and installation of Intelligent Infrastructure Solutions for emerging high bandwidth applications for copper.

The Giganet 25 years warranty is offered through Certified Giganet Installers who have attended an intensive training which includes both theory and practical hands on terminations All sites installed by a certified Giganet Installer are eligible for an application performance warranty which includes both products and labour. The 25 year warranty guarantees all of its products installed in the cabling channel to be free from manufacturing defects and will support applications and bandwidths as per the system installed. The Giganet products meet and exceed ANSI/TIA/EIA-568-A,ISO/IEC 11801 and CENELEC EN 50173 standards.

GIGANET
25 Year
System Warranty

FEATURES & BENEFITS

- Introduction
- OSI Layers
- Introduction To Networking
- Telecommunication standards
- Horizontal Cabling
- Backbone Cabling
- Work Area
- Telecommunication Spaces Installation Practices
- Administration
- Testing & Registration
- Warranty Registration
- Electro Magnetic Interference (EMI)



Giganet Networking solutions provide the end-user with a 25 year system performance assurance and product warranty for telecommunications cabling systems that use Giganet cabling products and approved cable exclusively. The design and installation must comply with the Giganet Networking Solutions specifications and must be installed by a Giganet Certified Installer (GCI).

FEATURES & BENEFITS:

▪ PRODUCT COVERAGE:

Giganet Networking solutions warrants that both the cable and connectivity products, at the time of delivery to the customer are free from defects in materials and workmanship for a period of 25 years from the date of completed installation.

▪ REMEDY:

Giganet Networking solutions shall, at its sole option, repair or replace any nonconforming product, including the cost to reinstall such non-conforming product provided the work is pre-authorised by Giganet Certified Installer and carried out by an approved installer.

▪ SYSTEM PERFORMANCE:

Giganet Networking solutions guaranties that the warranted system shall perform to the transmission performance applicable to the appropriate cabling Category and/or Class for the installed channels as specified in the published editions of ANSI/TIA/EIA 568 and/or ISO/IEC 11801 current at the time of the installation.

LIMITS TO THE WARRANTY

No warranty is made with respect to a product if:

- Such product has been subject to unauthorised repair or alteration.
- Such product has been subjected to negligence, accident, misuse, abuse or improper storage.
- Such product has been supplied by any party other than those authorised to do so by Giganet Networking solutions.
- Such product has been proved to be counterfeit.
- Such a product has been occasioned by accidental or natural hazard, including flood or other water damage, or willful or negligent acts of others.
- Consequential or incidental loss or damages of any kind occur whereby Giganet Networking Solutions shall not be held liable.
- Giganet Networking Solutions will not be liable to settle any claim which exceeds the purchase price of the products and the installation.



Giganet Networking Solutions provides High Quality European Standard Structured Cabling Systems. To get more information on our products, please go to our website at www.giga-net.co.uk



AUTHORISED DISTRIBUTOR

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