COPPER CABLING
GIGANET
CATEGORY 6 UTP CABLING SYSTEM

SYSTEM CATALOG

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CONTENT PAGE

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.

UL
®
E301870

3P
THIRD PARTY TESTING
107380I

EC
VERIFIED
2009-186

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**GIGANET
25 Year
System Warranty**

The Giganet Category 6 UTP system has been designed and manufactured to International Standards and offers exceptional value, with margin on all parameters beyond Category 6 and power sum ACR out to 250Mhz.

From the Telecommunications wiring closet to the work area, all products exceed channel performance set for Category 6 by the TIA/EIA568B.2 and ISO/IEC 11801.

FEATURES & BENEFITS

- Cable available in both PVC and LSOH

- Marked for ease of installation

- Suited for superior gigabit Ethernet by using pure solid copper cable

- Superior cross talk performance.

- Supports universal wiring map TIA/EIA/568A or TIA/EIA/568B wire map

- Patch cords are available in different length and colours.

- Keystones are available in either 90 or 180 degree with a wiring cap which secures connection.

- Modules are available in LJC6 and Euro.

- Patch panels are available in 24 and 48 ports for quick installation.

- Backed by an exclusive 25 year warranty when installed by a certified installer.

- 100% coverage of non consumable products, application assurance and labour covering both link and channel.

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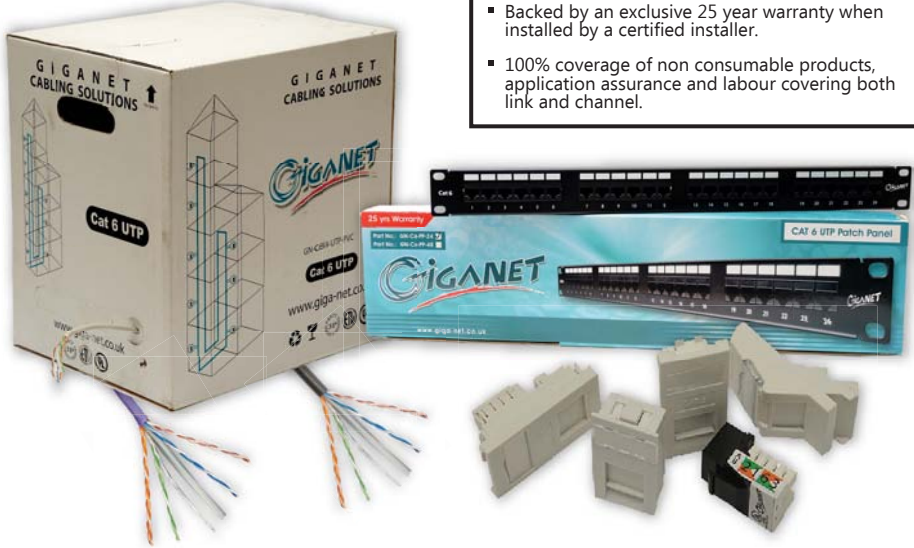
FEATURES & BENEFITS

- IDC termination at 90° and 180° to jack
- Termination using low Impact KRONE Tool
- Mounts in 19" Panel or shutter Faceplate
- Rear cable tie point & Built in label field window
- T568A and T568B wiring scheme
- Quick and easy to install

The Cat 6 unshielded Keystone jack is manufactured using quality materials and engineering standards to exceed the latest EIA/TIA/568-B.2.1 performance at 250Mhz. The Keystone Jack outlet is suitable for mounting in a range of faceplates and snap-in patch panels.

PRODUCT INFORMATION

Product Description	Part Number
Giganet Category 6 UTP 90 Degrees Keystone Jack Module	GN-C6-KS-90-01
Giganet Category 6 UTP 180 Degrees Keystone Jack Module	GN-C6-KS-180-01

180° Keystone Jack

90° Keystone Jack

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The Giganet Cat6 UTP 24 & 48 port patch panels are designed to fit industry standard 19" cabinets. These fully compliant panels are simple to install and provide excellent performance at a great price.

When installed with Cat6 cable and connectivity, full link and channel warranty can be achieved.

FEATURES & BENEFITS

- Available in both 24 or 48 ports
- Numerical identification on all outlets
- Six port blocks for ease of management
- Labelling fields with writeable surface
- Six port blocks for ease of management
- Built in rear cable management
- IDC punch down termination
- Cage nuts and rubber grommet for dust protection
- Colour coded IDC blocks

PRODUCT INFORMATION

Product Description	Part Number
Giganet Category 6 UTP 19" 24 Port Patch Panel	GN-C6-PP-24
Giganet Category 6 UTP 19" 48 Port Patch Panel	GN-C6-PP-48
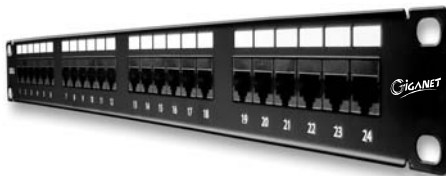
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FEATURES & BENEFITS

- Tested and verified to TIA/EIA-568-B.2-1
- Polyethylene centre filler for crosstalk separation
- Reverse metre marking for ease of installation
- Supplied in reelex 305m box
- Available in both PVC & LSOH
- Supports gigabit ethernet at 250mhz

The Giganet Category 6 UTP Cable is independently verified to exceed TIA/EIA 568-B.2-1 standards. Ideal solution where high performance and low cost is required. Designed and manufactured to top international quality standards for end to end Cat6 solutions. Great price and installer friendly carry box.
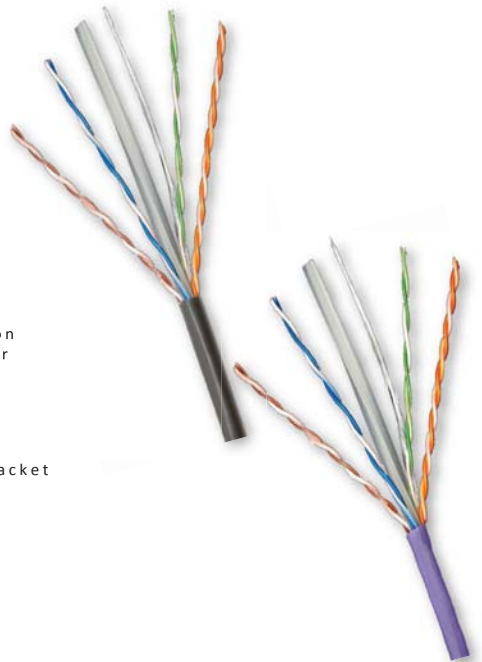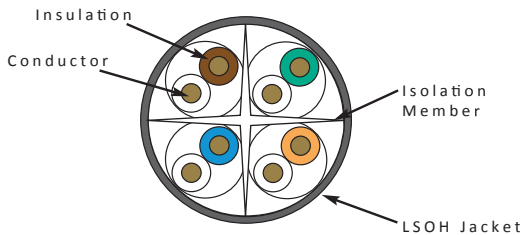
PRODUCT INFORMATION

Product Description	Part Number
Giganet Category 6 UTP PVC Grey Cable - 305m box	GN-C6X4-UTP-PVC
Giganet Category 6 UTP LSOH Violet Cable - 305m box	GN-C6X4-UTP-LSOH

Insulation

Conductor

Isolation Member

LSOH Jacket

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The Giganet 4 pair UTP RJ45 patch leads are manufactured from stranded conductor cable and high performance RJ45 modular plugs and verified to Cat6 TIA/EIA-568-B. 2-1 standards. Available for flexible and cost effective Cat6 installations. Each patch cord is individually tested for Cat6 performance.
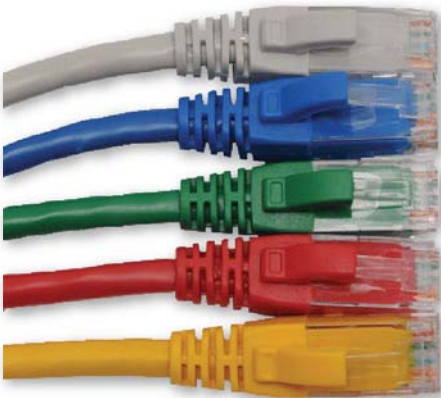
FEATURES & BENEFITS

- Colours: grey, blue, green, red and yellow[*]
- $^1/_2$m, 1m, 3m and 5m lengths available from stock
- Tested and verified to TIA/EIA-568-B.2-1
- Moulded strain-relief boots
- Stranded copper conductor
- 50 micron gold plated RJ45 connector
- Individually packed in Poly bag
- Suitable for high density Blade Network equipment

* Other colors available on request

PRODUCT INFORMATION

Product Description	Part Number
Giganet Category 6 UTP $^1/_2$ metre Patch Cord	GN-C6-PC-005M-XXX
Giganet Category 6 UTP 1 metre Patch Cord	GN-C6-PC-01M-XXX
Giganet Category 6 UTP 3 metre Patch Cord	GN-C6-PC-03M-XXX
Giganet Category 6 UTP 5 metre Patch Cord	GN-C6-PC-05M-XXX

XXX is Colour
GRY = Grey BLU = Blue GRN = Green RED = Red YEL = Yellow

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FEATURES & BENEFITS

- Category 6 TIA/EIA 568-B.2-1,EN50173-1 & ISO/IEC 11801.2
- 25mm W X 21mm D X 38.5mm H
- Ideal for Ackerman & Dado Floor Boxes
- Industry Standard LJ6C Aperture
- Shuttered Module to prevent dust contamination
- Compact Low profile Design with LSA Style Termination Blocks

PRODUCT INFORMATION

Product Description	Part Number
▪ Giganet Category 6 UTP LJ6C Module	GN-C6-LJ6C

The Giganet Cat 6 UTP Work Area products are available in both the LJ6C (24mm W X 38.59mm H X 19.65mm D) and the standard Euro type (25mm W X 50mm H X 35mm D) to allow single, double and quad combinations with Blanks. The Giganet Cat 6 UTP LJ6C Module is designed for ease of Installation.
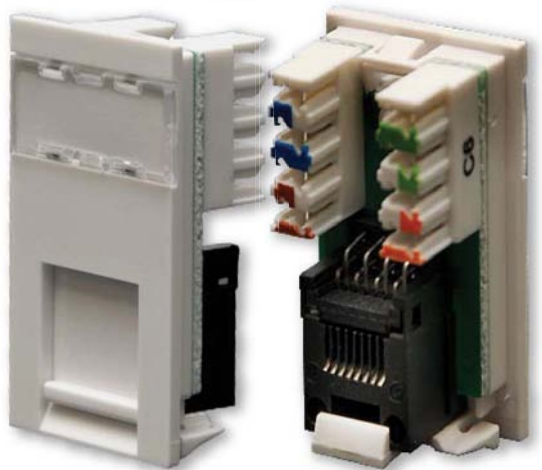
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The Giganet Cat 6 UTP Work Area products are available in both the LJ6C (24mm W X 38.59mmH X 19.65mm D) and the standard Euro type (25mm W X 50mm H X 35mm D) to allow single, double and quad combinations with Blanks.

The Giganet 50mm x 25mm cat 6 module fit into EURO Single and Double faceplates ideal for 35mm deep modules.

FEATURES & BENEFITS

- Category 6 TIA/EIA 568-B.2-1,EN50173-1 & ISO/IEC 11801.2
- 25mm W X 50mm H X 35mm D
- Ideal for EURO Faceplates
- Shuttered Module to prevent dust contamination
- Compact Low profile Design with LSA Style Termination Block

PRODUCT INFORMATION

Product Description	Part Number
Giganet Category 6 UTP 50mm x 25mm Euro Module	GN-C6-5025-UK

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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

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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)

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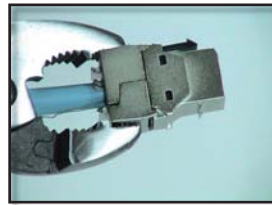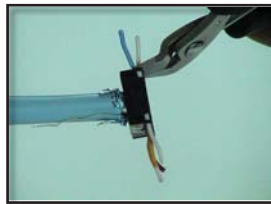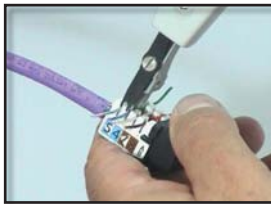
Giganet Networking solutions provide the end-user with a 25 year system performance assurance and product warranty for telecommunications cabling systems that use Giganet cabling products and approved cable exclusively. The design and installation must comply with the Giganet Networking Solutions specifications 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 11801current 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.

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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

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