



# GIGANET NETWORKING SOLUTIONS

Manufactured to International quality standards



**MULTI-RACK & SINGLE RACK  
MICRO DATA CENTRE**



**CONTAINMENT DATA CENTER**



**COPPER & FIBRE  
SYSTEMS**



**ONLINE BACKUP POWER**

Email: [sales@giga-net.co.uk](mailto:sales@giga-net.co.uk)

Website: [www.giga-net.co.uk](http://www.giga-net.co.uk)



## About Us

Giganet is a Global brand built on High Quality, Innovation, Reliability, Scalability, Customer focus and High-Performance end-to-end Solution for Cabling Infrastructure for Smart buildings, Backup Power and Data centres.

The Giganet brand is Designed & Manufactured based on international standards and has leading industry certifications.

Giganet offers full end-to-end products in the network infrastructure field to meet and exceed the high bandwidth emerging standards on Power over Ethernet (POE++), Enterprise Wireless, Edge computing, IoT, Software Defined Video over Ethernet (SDVoE), Audio Visual over IP, Data Centre and Distributed Antenna Systems.

The Giganet Brand has grown swiftly in the Middle East and Africa (MEA) as products are fully compliant with internationally recognized standards and certifications. Giganet Brand's growth year on year is proof that it is a trusted brand, offering high-performance and cost-effective solutions. System warranty is provided when goods are purchased via our Authorised channel of Distributors, System Integrators, and Value Added Resellers (VAR).



## Vision



Giganet has the Vision to become one of the top quality brands with full end-to-end solutions in the networking field.

## Mission



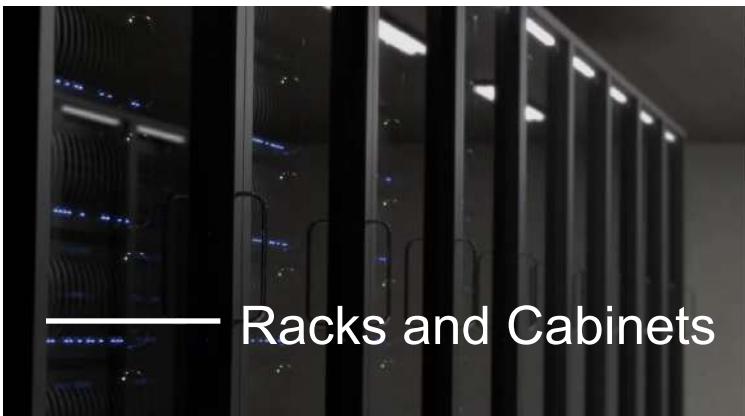
Giganet has started a mission to serve Distributors, System Integrators, and Value Added Resellers (VAR) with the highest performance products equipped with the latest technologies.

## Inception



**2005**

# Our Solutions



# Smart Buildings, Data Centre and Backup Power

Giganet is a Global brand built on High Quality, Innovation, Reliability, Scalability, Customer focused and high-performance End to End Solutions for Cabling Infrastructure for SMART Intelligent buildings, Backup Power and Data Centers. The Giganet brand is designed and manufactured based on international standards and certification.

## Giganet Smart Building Solutions

The Giganet Smart building solutions encompass all the services for a building from Copper systems, Fiber systems, Building Management Systems (BMS), Internet of Things (IoT) technology, Smart lighting, and Facilities Management. All IP devices are connected via Power over Ethernet ( POE+ +). Smart buildings use information and communications technology-based systems, services and technology to optimize the facility's performance.



## Giganet Data Centre Solutions

The Giganet Data Centre portfolio provides solutions for Single Rack Micro Data Centre (MDC), Multiple racks Data Centre and containment Data Centre with Cabinets, Power Distribution control, Online Backup Power, Intelligent PDUs, Rack mounted and in-row Cooling units with Environmental sensors (EMS) and Fire Suppression.

## Giganet Backup Power

The Giganet Backup power solutions range from Single phase line Interactive UPS for Personal computers and Peripherals. The online double conversion rack-mounted UPS provides clean power to critical equipment in a Data centre. The Three Phase tower systems benefit from efficient transformerless double conversion technology thereby reducing the power and cooling costs for Buildings and Data centres. The Modular UPS's high power density design, small footprint and redundant control system make it an ideal solution for an array of data centre, mission critical, and retail applications.



# Technical Competencies



# Product Certifications

Third Party Tested and Approved

**Compliance Statement**

No. 2022-286

**Screened Permanent Link, Class Ea**

**Company**  
GIGANET NETWORKING SOLUTIONS LTD  
9 De Montfort Street  
Leicester LE1 7GE  
United Kingdom

**Permanent Link Identification (2 connector model)**  
**Horizontal cable**  
Gigaset Category 6A Solid S/FTP LSOH Cable  
Part Number: GN-C6A-S/FTP-LSOH

**RJ45 connector for telecommunications outlet:**  
Gigaset Category 6A Shielded RJ45 Cat Tool-less Keystone Jack  
Part Number: GN-C6A-FTP-KJ

**Generic cabling standards - Class Ea Permanent Link requirements**

- ISO/IEC 11801-1:2017 (Ed. 1.0) / TCO/IEC 11801-2:2017 (Ed. 1.0)
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568-2-D:2018

**Technical report**  
12225957, DANAK-19/22648

**EC Cabling product ID**  
7104

**CS valid until**  
1 May 2023

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling, DQP231006. The product takes part in a maintenance schedule, which implies that FORCE Technology performs a sample test of the product once a year.

Hørsholm, 29 April 2022

*Lars Lindskov Pedersen*  
Lars Lindskov Pedersen  
Test Manager

*Dennis Andersen*  
Dennis Andersen  
Head of Department

**Compliance Statement**

No. 2022-016

**Data communication cable, Category 6a**

**Company**  
GIGANET NETWORKING SOLUTIONS LTD  
9 De Montfort Street  
Leicester LE1 7GE  
United Kingdom

**Product description**  
Screened cable (S/FTP) (shielded up to 500 MHz)  
Horizontal floor wiring cable, 100 D  
4 individually foil screened twisted pairs  
Flame-retarded, halogen free

**Product identification**  
GN-C6A-F/FTP-LSOH-305: Gigaset Category 6A Solid F/FTP LSOH cable 305 m

**Generic cabling and cabling components standards - Category 6a cable requirements**

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 61156-5-2020 (Ed. 3.0)
- EN 50173-1:2018 / EN 50173-2:2018
- EN 50288-10-1:2012
- TIA-568-2-D:2018

**Standards for flameability, halogen acidity and smoke performance**

- IEC 60332-1-1:2015 (Ed. 1.1) / IEC 60332-1-2:2015 (Ed. 1.1)
- IEC 60754-2-2003 (Ed. 2.1)
- IEC 61034-1:2003 (Ed. 2.1) / IEC 61034-2:2019 (Ed. 3.2)

**Technical report**  
12221430, DANAK-19/22425

**EC Cabling product ID**  
5587

**CS valid until**  
1 February 2023

This product has been tested by FORCE Technology and complies with the requirements of the above specified standards and Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling, DQP231006. The product takes part in a maintenance schedule, which implies that FORCE Technology performs a quality audit of the manufacturer's production and 0a-site. The maintenance testing of the product is performed on a sample basis.

Hørsholm, 11 February 2022

*Lars Lindskov Pedersen*  
Lars Lindskov Pedersen  
Test Manager

*Dennis Andersen*  
Dennis Andersen  
Head of Department

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Cortland, New York 13045 USA  
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Web: www.intertek.com

**ETL Verified Certificate of Conformance Number: 104416611CRT-001b**

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the electrical transmission requirements of the referenced specification(s) at the time the tests were carried out.

Referenced to:

**Gigaset Networking Solutions**  
9 De Montfort Street  
Leicester LE1 7GE  
United Kingdom  
[www.giga-net.co.uk](http://www.giga-net.co.uk)  
Contact: Mr. Erick Mbugua

**Product tested:** Category 6A, 4-pair, 23 AWG, S/FTP, LSOH, horizontal (solid) cable

**Part number(s):** GN-C6A-S/FTP-LSOH

**Compliant to:** ANSI/TIA-568.2-D  
EN 50173-1  
ISO/IEC 11801-1

**Authorized marking:** ETL VERIFIED TO ANSI/TIA-568.2-D, EN 50173-1 and ISO/IEC 11801-1 CATEGORY 6A

Continuing compliance to this specification is monitored through production testing, ongoing inspections by Intertek at the production facility and random sample testing.

**Date issued:** 18 Aug 2020

**Approved By:** *Antoine Pelletier*  
Antoine Pelletier, Project Engineer

**This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.**

**NOTE: This verification is part of the full test report(s) and should be read in conjunction with it.**

This verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited by the terms and conditions of the agreement. Intertek assumes no liability for any error, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this verification. Only the Client is authorized to copy or distribute this verification. Any use of the Internet version or part of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this verification are relevant only to the sample tested. This verification by itself does not imply that the material, product or service has ever been under an Intertek certification program.

# Capabilities



## Designing Data Centre and Networks

Data Centre and network optimization requires reliable infrastructure to address power, cooling and connectivity solutions. Our certified expert engineers provide solutions based on industry requirements & meeting international standards.



## In-Country Stocking Facility

Our In-Country Stocking Facilities helps our customers to fulfil their project requirements at fast pace. Our stocking facilities operate in-line with country rules and custom regulations.



## Going Green

Part of our vision and mission is to adopt a plastic free eco-friendly 100% recyclable natural packaging solutions. Our objective is to reduce carbon footprints using green packaging .



## Trainings

Being a channel oriented company our aim is to train all our partners with Giganet Certified Trainings like Installer Training and Data Centre Design Training.



# Our locations

We have established our presence in several countries directly and through our channel partners.

- Head Office    England
- Partners    Kenya, Tanzania, Ethiopia, Uganda, Rwanda, Nigeria, Ghana, Kuwait, Oman, Qatar, UAE





Manufactured to Quality  
International Standards



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