

#smartconnection

Copper solutions



LANmark™ ULTIM

The new Category 6A connector (CE)

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LANmark™ ULTIM

More data, more power.

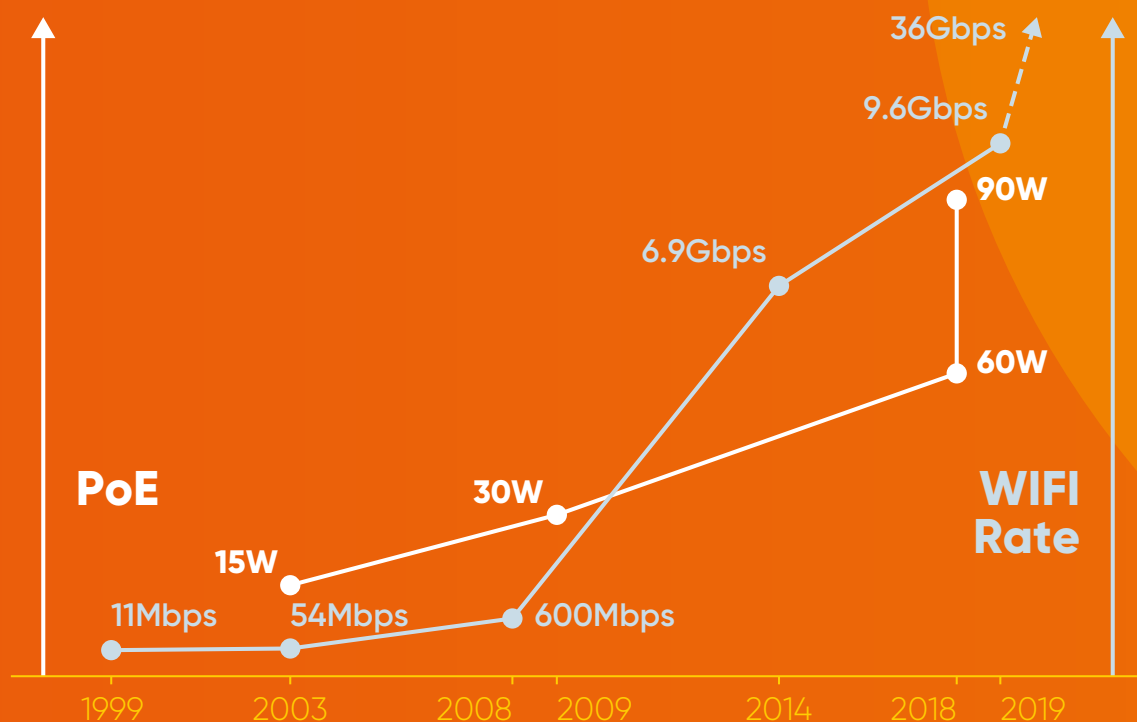
Data requirements for smart building applications have grown significantly with the rise of IP convergence and the technological evolution of certain applications.

Power over Ethernet (PoE) protocols, for instance, have tripled the power requirements, which in turn has influenced how cabling infrastructures are designed. Similarly, wireless networks have experienced a major boost in speed and capacity with the introduction of WIFI 6, WIFI 6E, and even WIFI 7.

These technological evolutions demand a reliable, high-performance, and scalable cabling infrastructure. Additionally, considering environmental factors, cabling solutions have become a critical component in ensuring the efficient operation of smart buildings.

With many years of experience in structured cabling, Aginode recognises the importance of developing, producing, and providing solutions that meet these technological advancements while ensuring the long-term sustainability of smart buildings.

To continue offering high-end solutions, Aginode is launching a new Category 6A connector: LANmark™ ULTIM.



Performance

Ease of use



Reliability

Scalability

Optimum performance for your smart connections

The LANmark™ ULTIM connector is engineered to guarantee quality and performance whilst accommodating the scalability needs of IP applications.



Performance

LANmark™ ULTIM uses the latest transmission performance enhancement techniques developed by our R&D teams.

The connector, along with several Permanent Link and Channel configurations, has been tested and certified by an independent laboratory.

7dB

NEXT MARGINS

The ULTIM connector delivers exceptional performance, ranking among the best on the market with NEXT margins exceeding 7dB when used with LANmark cables of Category 6A (or higher).

Its high transmission performance ensures a very low Bit Error Rate (BER), providing reliable, high-speed data communication.

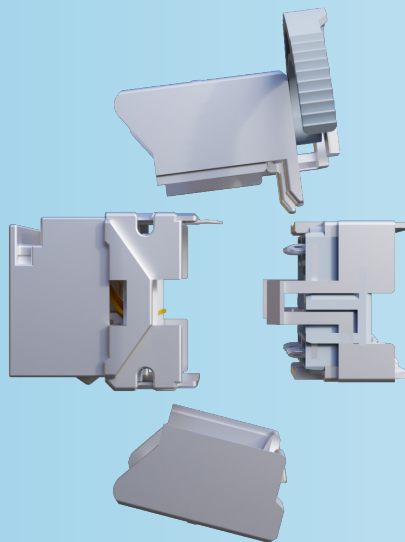
90W 2A

POWER

CURRENT

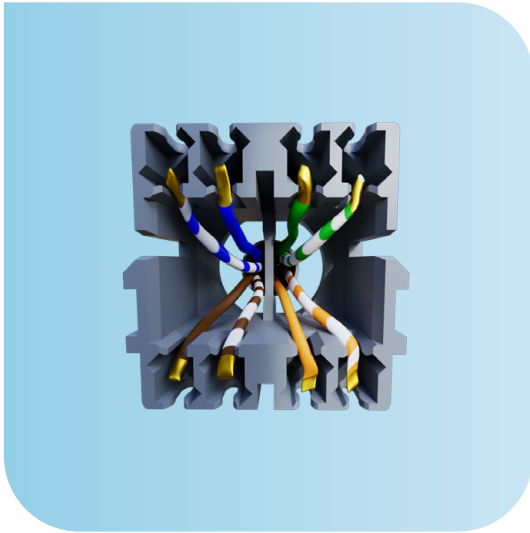
In response to the growing convergence of PoE applications, the LANmark™ ULTIM connector is built to handle 90W of power and 2A of current.

The contact coating and design have been specifically developed to allow for multiple connections and disconnections without any loss of performance due to spark damage.

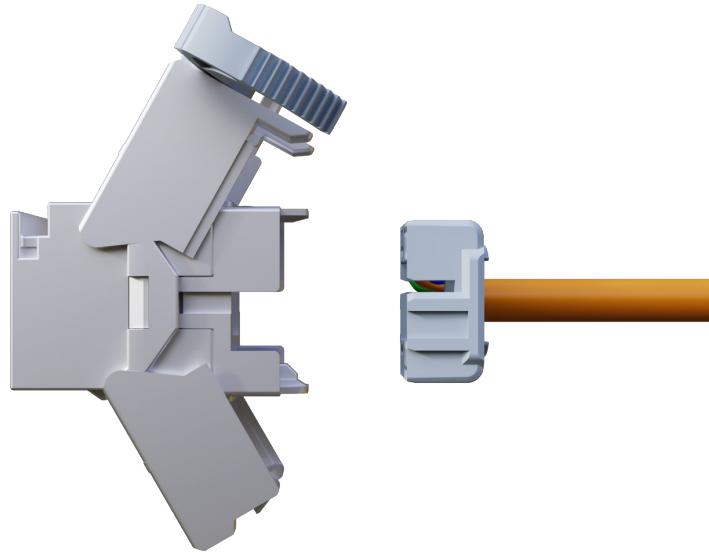


Ease of use

To simplify on-site installation and reduce connectorisation time, the LANmark™ ULTIM connector is engineered to provide one of the fastest terminations available.



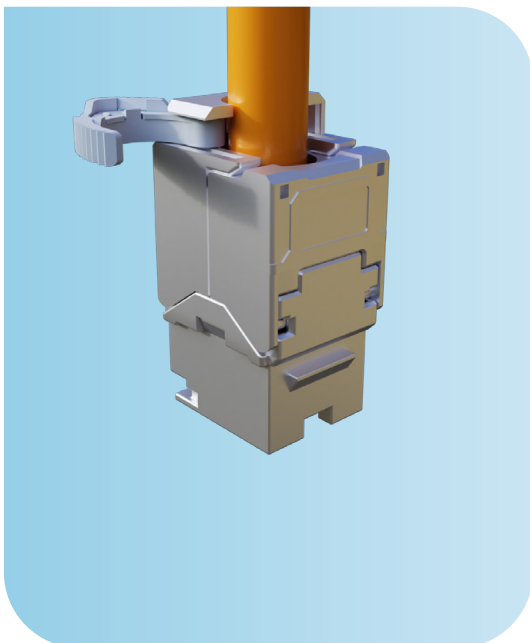
The 100% toolless design features a wire organiser that enables straight forward management of the wires, ensuring that the cable pair twists are maintained.



The connector is compatible with a wide range of LANmark cables, from AWG26 to AWG22, for both solid & stranded conductors. This flexibility allows using just one connector for all types of configurations, whether in permanent links or in flexible consolidation points.

100%

TOOLLESS



Reliability

The LANmark™ ULTIM connector has been rigorously tested by our in-house teams to ensure full compatibility with all products in the LANmark range.

It has successfully passed a series of mechanical, electrical, and dimensional tests to guarantee reliable IP network performance under any conditions.

25 YEARS

WARRANTY

As a testament to its reliability the ULTIM connector is fully warranted for parts, labour and applications for 25 years under our LANmark Warranty Programme.

Scalability

Extended Cat 6A system warranty

The LANmark™ ULTIM connector features a wire organizer and IDC contact set specifically designed to accept AWG22 diameter wires, making it compatible with our LANmark AWG 22 cables alongside the standard cables for optimal performance in a wide range of applications.



Guaranteed Extended Distance

The ULTIM connector, in conjunction with LANmark AWG22 cable, can offer extended application distances for 10Gbit and PoE++ beyond the limits of the standards.

10G PoE++

BEYOND THE LIMITS OF THE STANDARDS

Class FA scalability

Combining our LANmark™ ULTIM connector with LANmark-7A AWG22 cables prepares you for future data rates and needs.

By replacing the ULTIM connector with our GG45 connector, our warranty approach supports this evolution, upgrading from a 10Gbit system to a Class FA and 25Gbit* guaranteed solution.

* Link under 26m length

Sustainability

In line with our CSR policy and commitment to reducing environmental impact, Aginode has implemented measures to eliminate plastic from packaging. The LANmark™ ULTIM is packaged in 100% recyclable, plastic-free materials.



0.6 TON

PLASTIC SAVED PER YEAR



PEACE scoring system

To guide you in selecting the best solution for your needs, Aginode has introduced the PEACE scoring system. This system rates our products based on five key criteria: Performance, Ease of use, Application, Compatibility (Electromagnetic Compatibility), and Environmental impact.

The new LANmark™ ULTIM connector has been rated with the following PEACE score:

POWER	★★★★★
EASE	★★★★★
APPLICATION	★★★★★
COMPATIBILITY	★★★★★
ENVIRONMENT	★★★★★

Ordering information

N Number	Description	Quantity per packaging	Type of packaging
N420.960	LANmark-6A ULTIM Snap-In Connector Cat 6A Screened	24 pcs / box	Plastic-free

Notes

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