

FIBER ACCESS
MATRIX
HEXATRONIC

THE ULTIMATE SYSTEM FOR FTTH

DEVELOPED BY

HEXATRONIC 

FIBER ACCESS MATRIX

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All You Need for a Complete Network Installation

Digitalization is occurring at a rapid pace and the need for fast and reliable connections around the world is huge. Hexatronic constantly develops and refines systems and products to simplify and streamline the installation of networks worldwide.

We are now taking our offering a step further with the Fiber Access MATRIX – a complete system of products, carefully selected for their good installation

characteristics and a high quality that guarantees a long performance life. Hexatronic's ambition is to simplify the choice of products, by designing them to fit together as one complete system. This contributes to quick and effective installations, meaning that our customers have a strong competitive edge with their chosen products and technologies.

hexatronic.com/matrix

FTTH Networks – A Long Term Investment

The fiber networks being installed around the world form the basis for the function of digital communication. Their importance and usage is constantly increasing. The social change that digitalization brings is progressing and the important role it plays in our society's infrastructure will only continue to grow.

Building fiber networks often involves large and expensive projects that need to be built quickly with no room for errors or issues which reduce the quality of the network. It is with this background that we have developed the Fiber Access MATRIX.

We understand the importance of being able to offer a system based on innovative and high quality products, where all components fit with each other and reduce planning and installation time or the risk of future problems.





FIBER ACCESS **MATRIX** HEXATRONIC



A complete system of products and solutions for FTTH installation which seamlessly connect the network segments. The Fiber Access MATRIX system is designed and developed to ensure lowest total cost of ownership, highest capacity and best possible scalability and flexibility.

The system includes products for aerial, ground, underwater and indoor installation.

The Fiber Access MATRIX consists of three subsystems:

CENTRAL OFFICE **MATRIX** HEXATRONIC

The Central Office MATRIX consists of solutions for handling large amounts of fiber terminations in a cost efficient and highly organized way.

FEEDER & DISTRIBUTION **MATRIX** HEXATRONIC

The Feeder and Distribution MATRIX system offers robust solutions with high performance and reliability which connect from the central office and distribute to the drop network.

DROP & PREMISES **MATRIX** HEXATRONIC

The Drop and Premises MATRIX is a robust system proven on a large scale world wide. It consists of several innovative solutions such as a low-cost aerial drop system, miniature termination boxes and FTTH demarcation points.

Central Office MATRIX – Product Range

The Central Office MATRIX consists of solutions for handling large amounts of fiber terminations in a cost efficient and highly organized way. The Central Office equipment racks have a minimum footprint in combination with a huge capacity for optimal fiber termination management.

As part of the Fiber Access MATRIX, the Central Office MATRIX system has been designed to fit with other products from the same range and with products from the next part of the network in the Feeder and Distribution MATRIX.

In combination with the modular MATRIX ODF system, all patch cord management handling is taken care of internally, inside the rack itself. The footprint of the rack can therefore be limited to an absolute minimum.



*High Capacity Fiber
Management System*



*Well-organized Fiber
Handling*

Feeder & Distribution MATRIX – Product Range

The **Feeder & Distribution MATRIX** offers a whole range of solutions to form the foundation of a robust fiber access network, ensuring a reliable connection from the central office through to the drop network. The unique feature with the Fiber Access MATRIX system is that all parts of the system are designed to fit together, so passive fiber optic devices for deploying the feeder network to the Fiber Distribution Hubs, the FDH units and products for distributing fiber to the drop network all fit perfectly with each other, as one system.

Hexatronic's micro cables offer unique performance in the feeder and distribution network, which combines lowest total cost of ownership with high reliability.

HEXATRONIC
VIPER

High Performance
 Micro Cables

2-24f Ø 4,0 mm

48-96f Ø 5,9 mm

144f Ø 6,7 mm

192f Ø 7,9 mm

Ducts for Ground
 Installation



High Capacity
 Fiber Distribution Hub



Compact Fiber
 Distribution Hub



DROP & PREMISES

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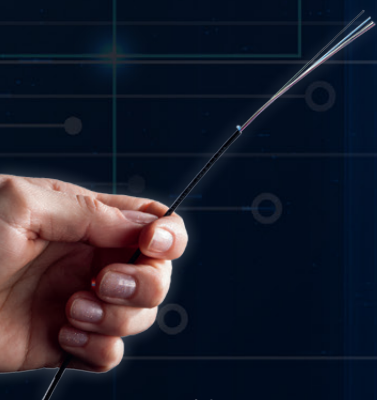
Drop & Premises MATRIX – Product Range

The Drop & Premises MATRIX consists of several innovative solutions which offer time and cost savings by enabling several installation steps to be carried out quickly and easily. Two examples used in the whole MATRIX System are the extremely smooth and powerful air blown fiber Stingray and the Nano cable – products with outstanding installation performance. Stingray is air blown with the Hexatronic ABF Installation Tool and the Nano cable can be blown or pushed by hand for shorter distances, making it faster and cheaper to install.

Other network materials in the Drop & Premises MATRIX include a low-cost aerial drop system, miniature termination boxes and FTTH demarcation points.



Fiber Access Terminal



Nano Cable



Fiber Distribution Hub for Indoor Use



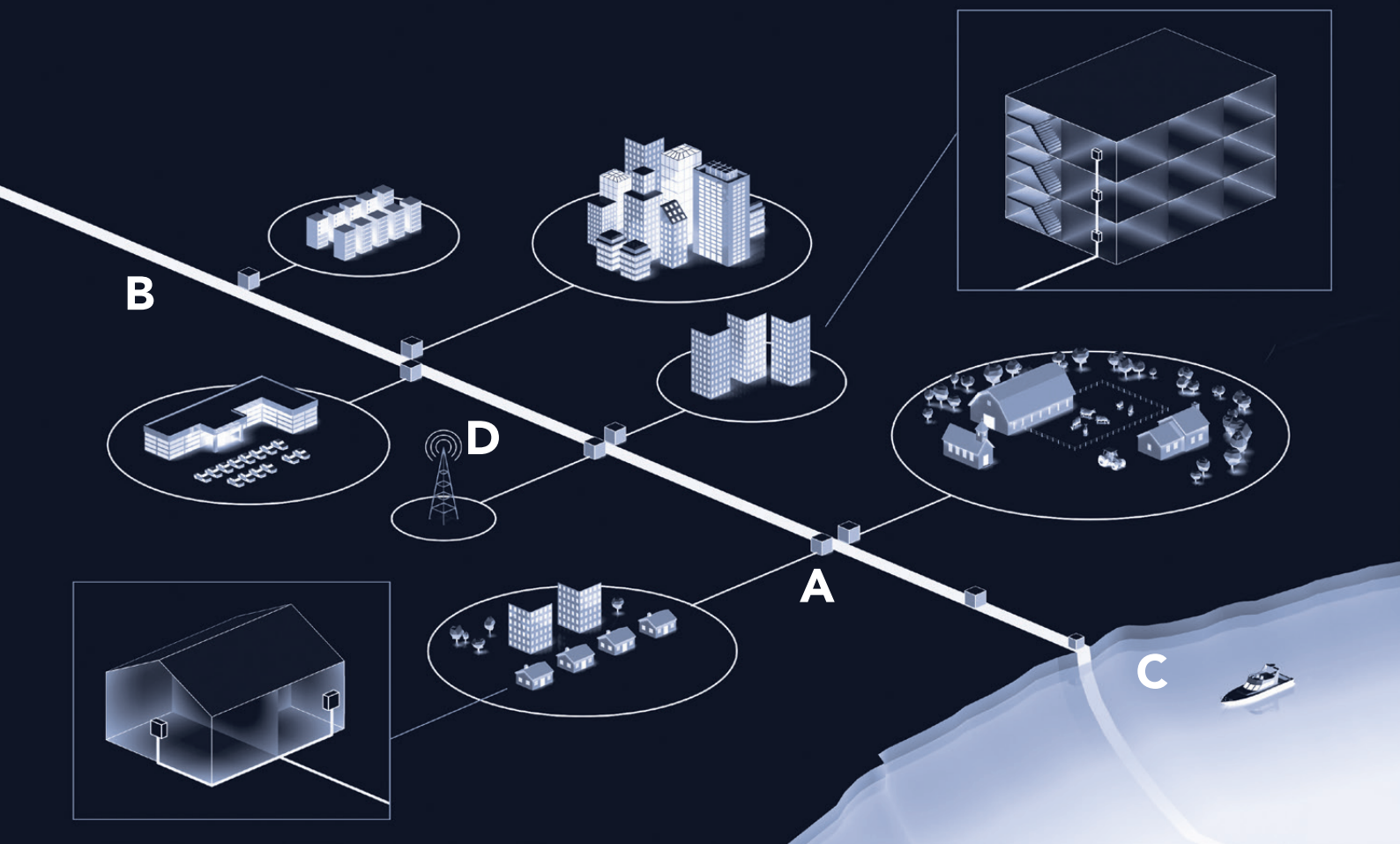
Products for Aerial Air-Blown Fiber Installation

Hexatronic ABF Installation
Tool with the New Air Blown
Fiber Stingray



STINGRAY

HEXATRONIC



Discover the Complete Hexatronic Offering – System Solutions for the Entire Network

The passive infrastructure in any fiber optic network is a long-term investment. It needs to be built on scalable and future-proof technology that is optimized in terms of capacity, quality and operational expenditure. Hexatronic offers a complete range of products and solutions that cover all the network areas – all the way from the backbone network to the end user.

A – Fiber Access Networks covers the air-blown cabling systems based on micro cables, nano cables and air blown fibers with the cabling systems are used for efficient installation of access networks including Fiber-to-the-Home (FTTH) and similar architectures. These products are also the perfect choice for scalable campus and metro networks.

B – Fiber Transport Networks covers products for general network applications such as fiber optic cables for underground and aerial as well as local site cabling installation. This section also includes associated cables and components for splicing and termination of cables

C – Submarine Cable Systems covers a range of cables for submarine installations, based on extensive experience from several submarine cable projects.

D – Wireless Infrastructure covers installation cables for various interconnect applications as well as cables for Fiber To The Antenna (FTTA) systems. This section also includes components used for indoor and outdoor installations.

You can find all our products on www.hexatronic.com.

Contact the Hexatronic sales team to find your nearest wholesaler **+46 (0) 10 - 453 02 00**,
order@hexatronic.com.

Industry Leading System Solutions for Fiber Optic Communications

Hexatronic Cables & Interconnect Systems develops, manufactures, markets and provides solutions within fiber optic based networks, for telecom companies, installation companies and network owners.

Hexatronic Cables & Interconnect Systems manufactures fiber optic cable, duct, copper cable and network accessories. Our products are developed and manufactured by Swedish specialists, with many years of experience and unique expertise in fiber optics, with the focus of giving our clients the best possible total cost of ownership

A part of Hexatronic Group

Hexatronic Group specializes in product and system solutions primarily within fiber communications. The Group offers a broad range of products and system solutions with a focus on infrastructure for passive fiber optics. Hexatronic has the stability and resources of a large Group, combined with the flexibility and speed of a small company.

Hexatronic is based in Sweden, but operates in a global market. Our customers are companies in the telecommunications industry, such as telecom operators, network owners, distributors and systems integrators. The Groups headquarters are in Sweden with sales offices and subsidiaries in Sweden, Norway, Finland, China, Great Britain, New Zealand and the United States. The Hexatronic share is listed on Nasdaq Stockholm.

For more information about Hexatronic Group:

www.hexatronicgroup.com



Hexatronic Cables & Interconnect Systems AB, Kabelvägen 1, 824 82 Hudiksvall, Sweden
Tel +46 (0)10 453 02 00 info@hexatronic.com www.hexatronic.com

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