

COMPANY
PROFILE

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Revision_4.0

Scan our Catalogs





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02 | Our History

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Content



Out Line is a company with 25 years of history, founded and built on the experience of professionals who have been operating for over 35 years in the Telecommunications and Energy sectors. A combination of continuity, expertise and vision that enables us to fully understand the dynamics of complex and rapidly evolving markets.

Our headquarters are located near Rome and host offices, an in-house Research & Development laboratory and warehouses. This is supported by a well-established network of international partners, consultants and operational hubs, allowing us to support customers and projects on a global scale.

Over the years, Out Line has progressively evolved in response to the growing demand for customized solutions from operators with different sizes, network architectures and operating models.

This market-driven need has guided the company's natural evolution.

Today, we are structured to develop proprietary and tailor-made solutions, designed around real requirements and subsequently validated in the field together with our customers.

25
YEARS
OF EXPERTISE

25 years of experience, tailored solutions for the future of networks.

Today, we are a technology partner supporting national and international operators in the development of FTTx projects, with an increasing and specific focus on FTTH and FTTR solutions.

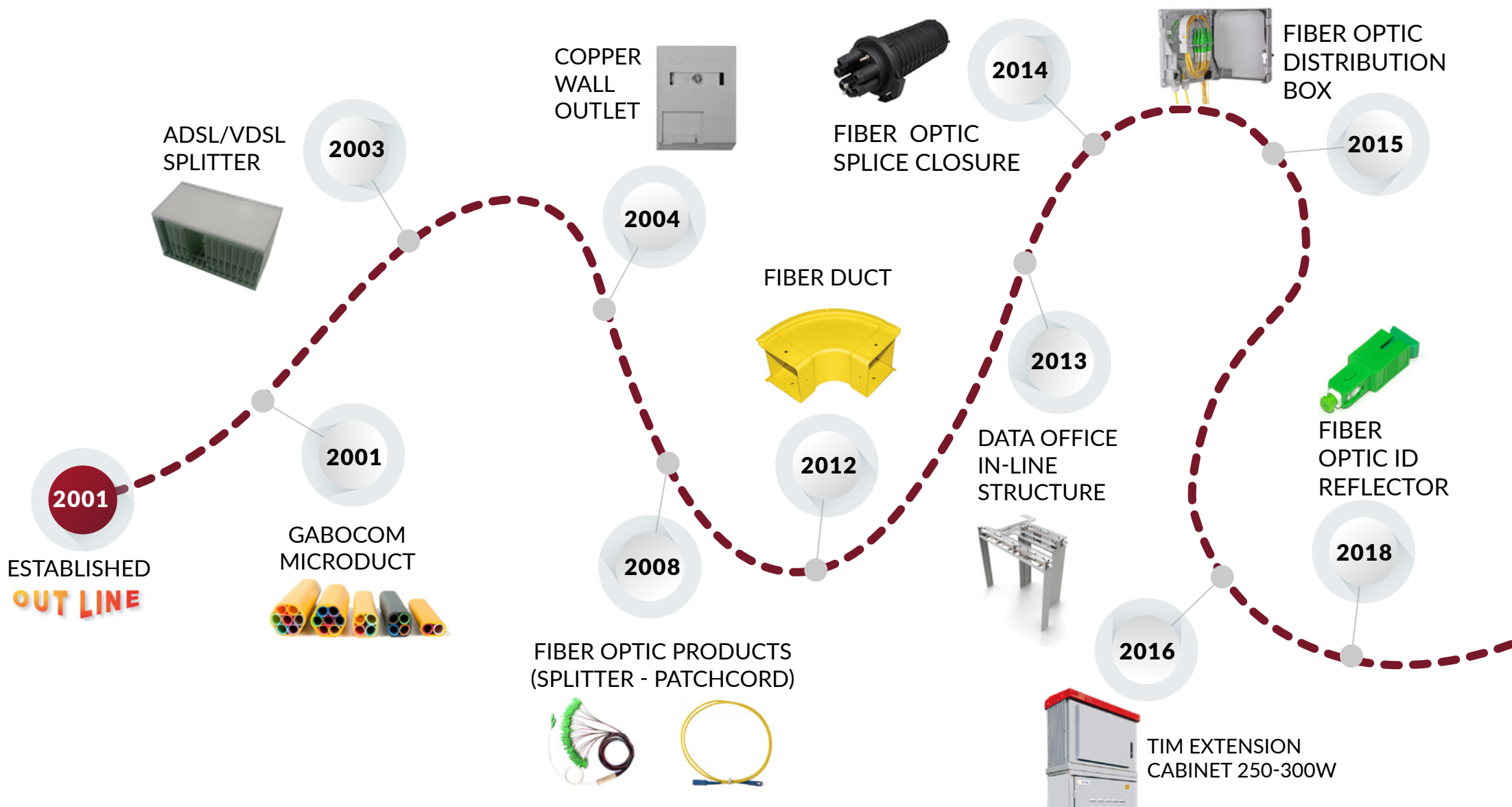
Alongside a portfolio of reliable and well-established standard solutions, OutLine develops new tailor-made solutions, co-designed with customers and optimized for:

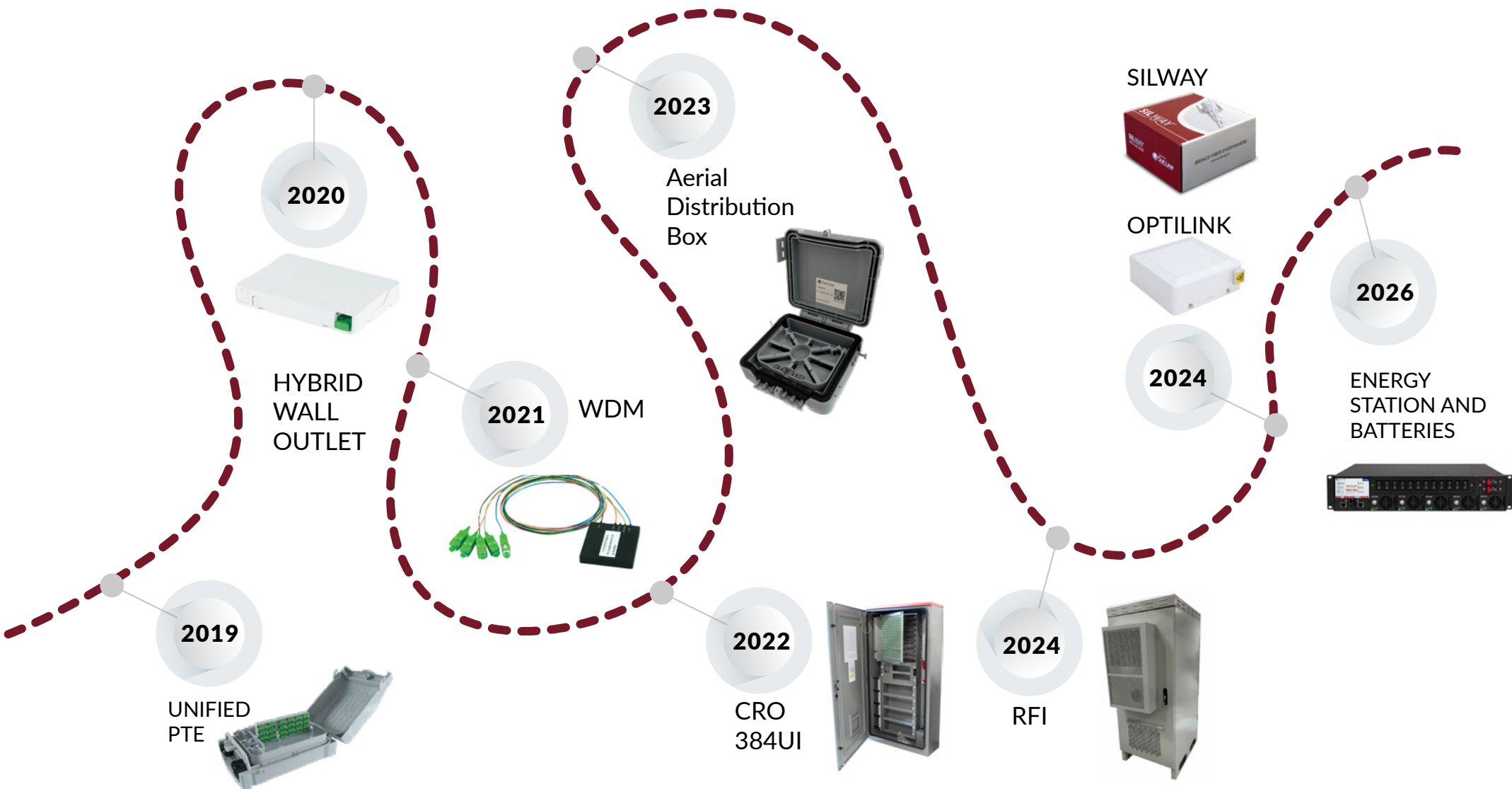
***specific environments;
operational constraints;
project objectives.***

Over time, the expertise developed in telecommunications has also been applied to the Energy sector and to other strategic fields such as Industry and Railway, where reliability, operational continuity and quality are essential requirements. Quality is a shared principle and a daily responsibility.

Thanks to our Research & Development team, we are able to develop solutions in short timeframes and ensure fast deliveries, providing continuous technical and commercial support throughout the entire project lifecycle.

01 | About us





02 | Our History



03 | International Partners



04 | Main Customers

*For Out Line, international certifications reflect our commitment to **quality, reliability, and continuous improvement**—strengthening customer trust while reinforcing our competitive edge and dedication to excellence in every project.*

Our company is compliant with industry standards and best practices, providing our customers with a high level of confidence in products and services.

Additionally, certifications help us maintain a competitive advantage in the market, and demonstrate our dedication to delivering excellence in every project we are involved.



ecovadis

05 | Certifications

Proprietary Solutions & Intellectual Property

At Out Line, product development is driven by a clear objective: transforming field experience, technical know-how and market requirements into proprietary solutions with tangible industrial value.

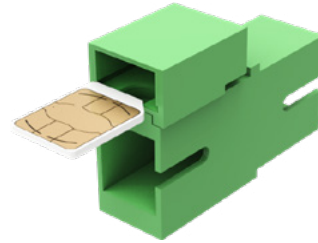
Our portfolio includes solutions protected by granted patents, as well as technologies currently subject to pending patent applications.

These developments reflect our commitment to continuous innovation and to the creation of practical, reliable and scalable solutions for telecom infrastructure.



SILWAY

Flexible and transparent micro-channel for the cabling inside apartments/offices and buildings where there is no space in the in-wall infrastructure (ex. corrugated ducts)



SM@D

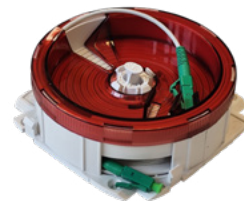
SM@D is a SMART ADAPTER technology aimed to help the recognition of each single connection in an ODF cabinet, cross-connection cabinet or subracks with many patchcords.

The communication is made through RFID.



BOOT CODER

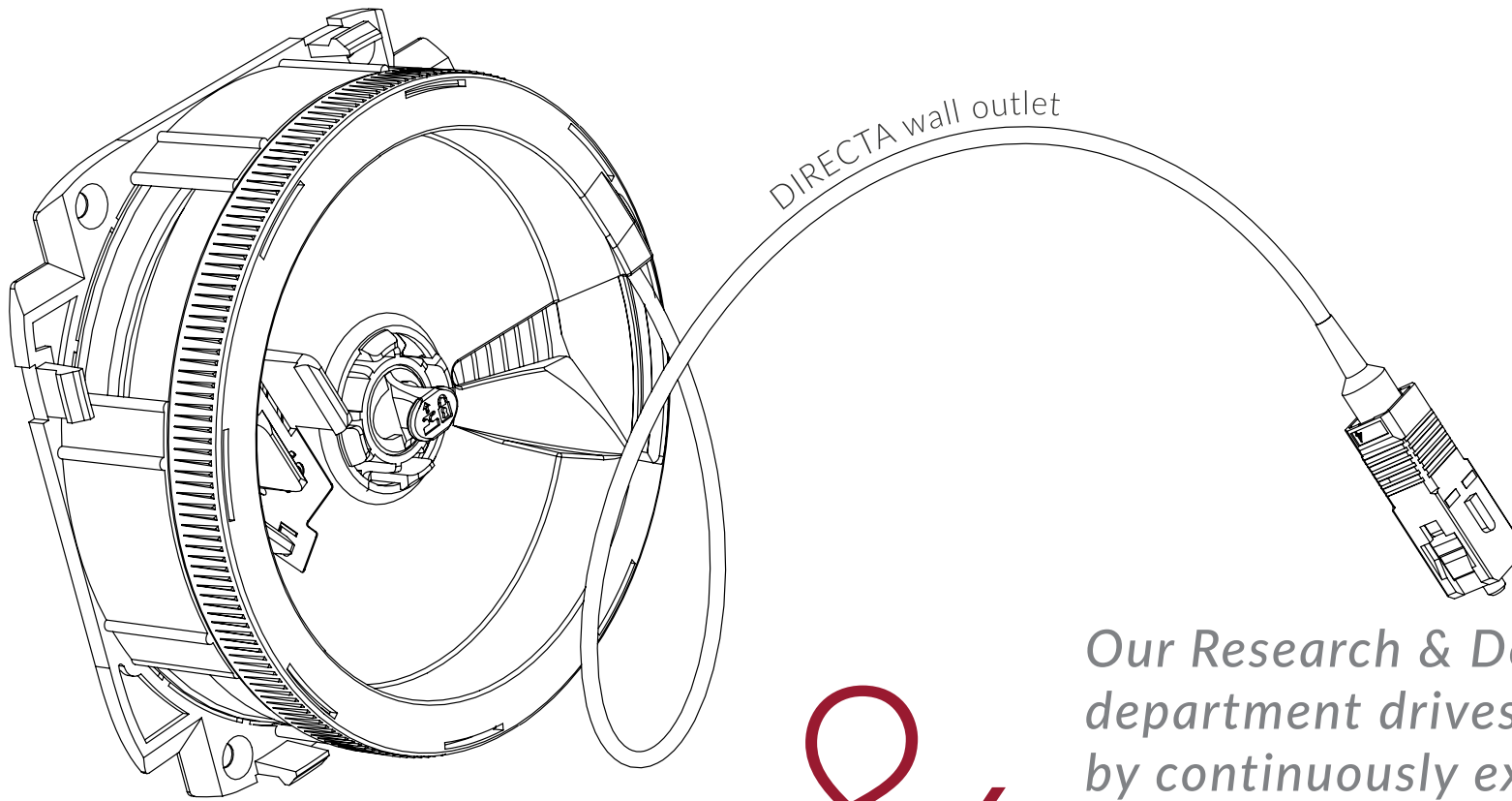
BOOT CODER is a passive solution aimed mainly to help the recognition of each single connection in an ODF cabinet, cross connection cabinet or subrack with many patchcords. It has been developed for SC or LC connectors. The communication is made through computer vision and a special QR code.



DIRECTA

An optical outlet fitted with an innovative system for managing the length of a cable. The system enables mechanical and controlled management of the optical cable, preventing excessive bending and improving the product's usability.

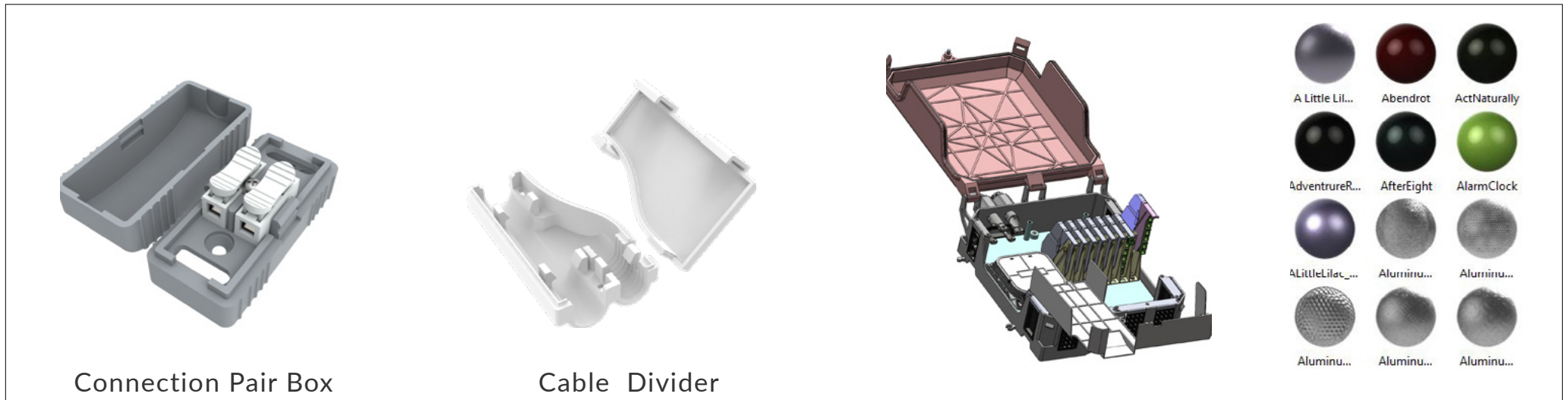
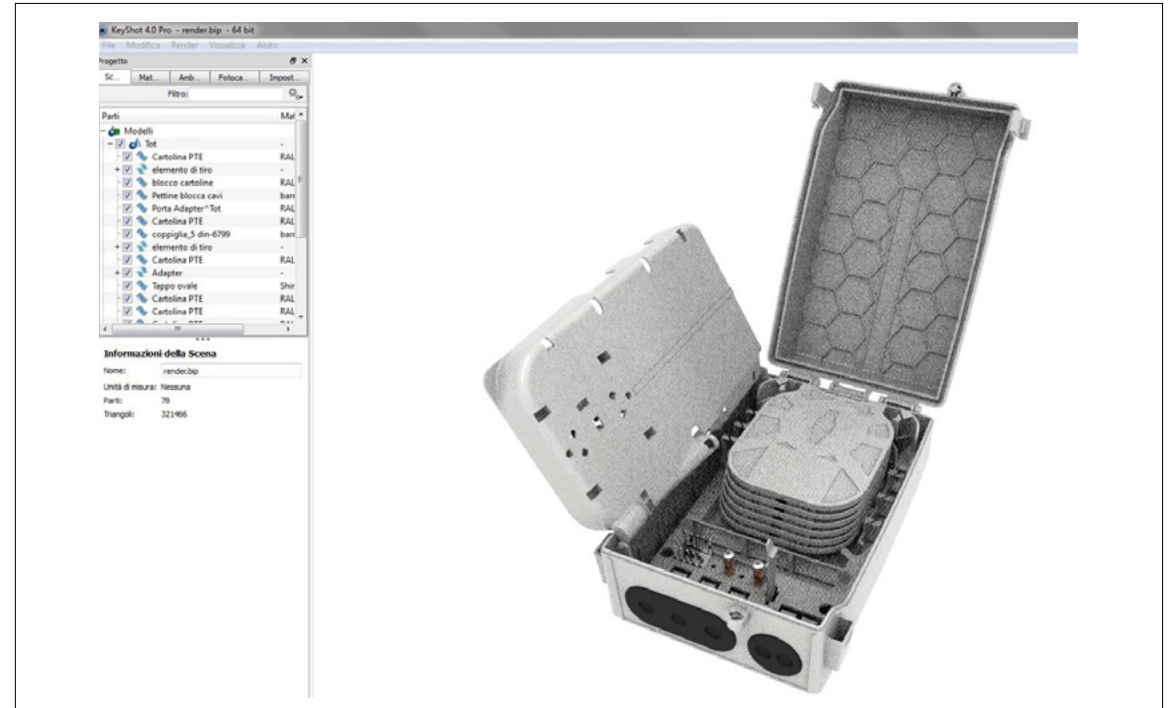
06 | Patented solutions



07 | Research & development department

Our Research & Development department drives innovation by continuously exploring *new technologies, materials, and solutions.*

Through a structured and future-proof approach, we transform ideas into reliable, high-performance products that meet evolving market needs and industry standards.

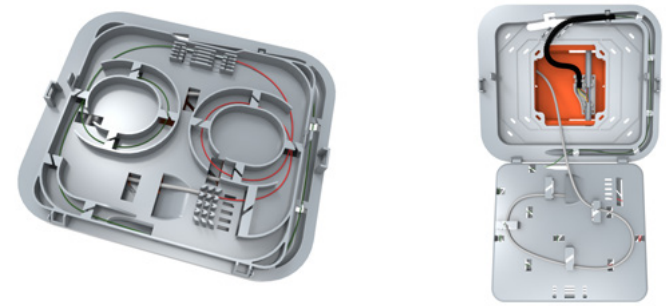




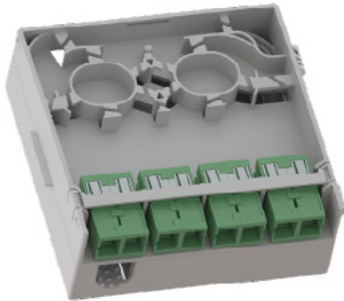
Fiber Duct Adapter
Out Line/Panduit



PTE BT XL



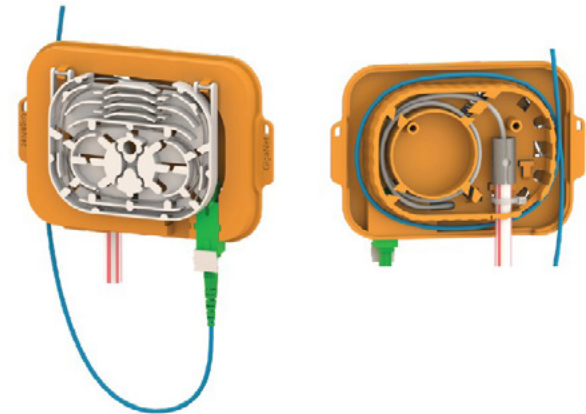
Floor Distribution Box



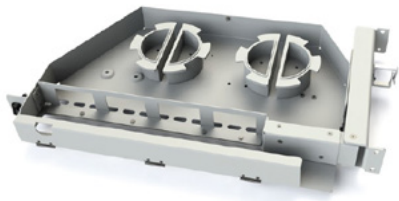
CDP



U-Shape



Wall Outlet (OTO)



FO Subracks



Data Office Structures



ODF



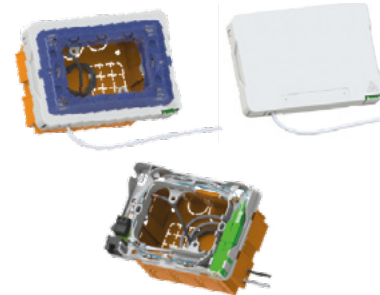
PFS 288



Multi Operator Box



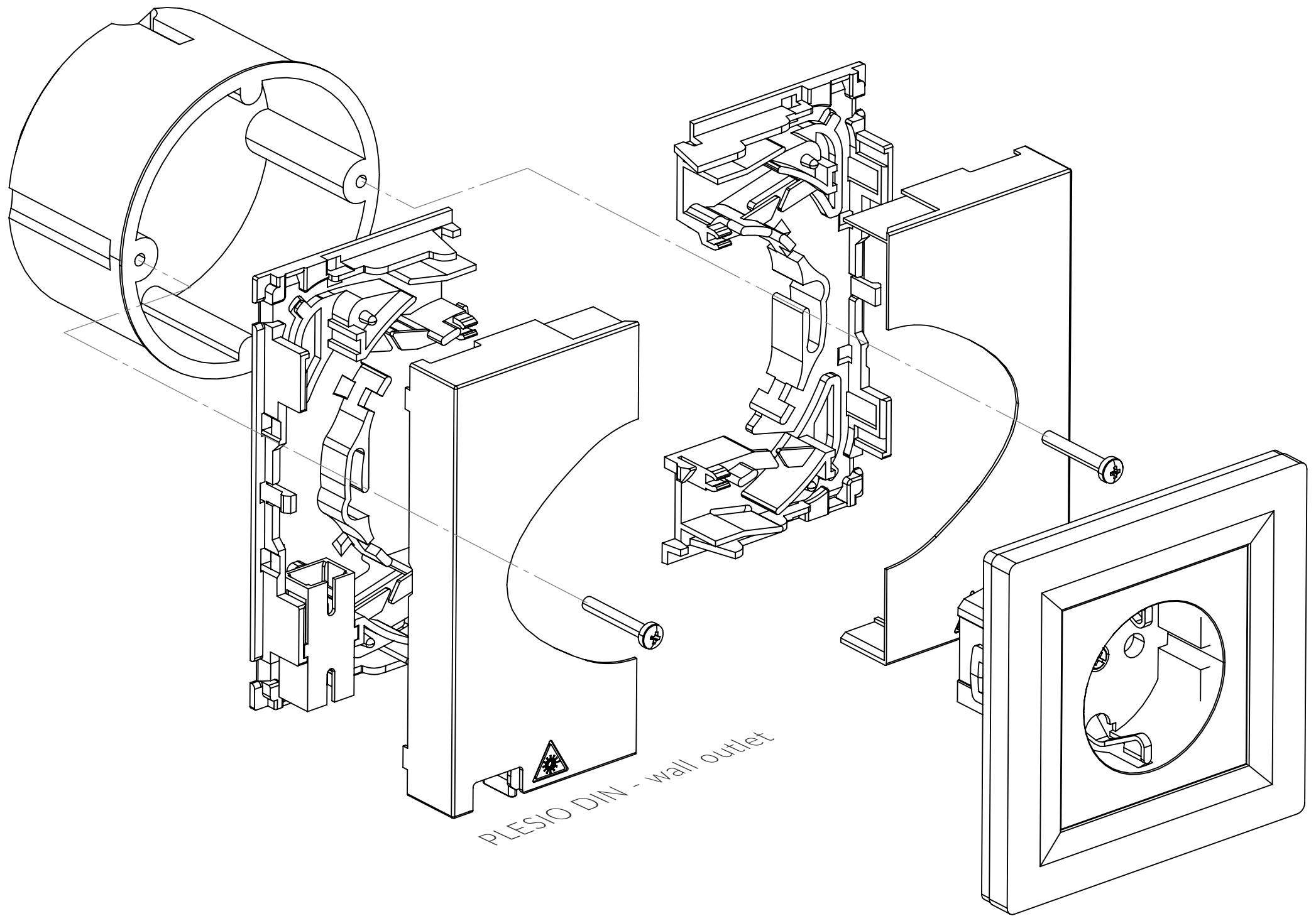
PFS 144



Wall Outlet Frame



PTE - OTB





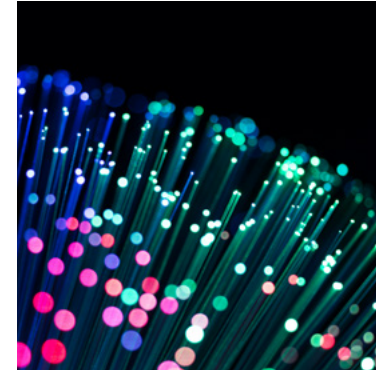
Optic Passive
Components



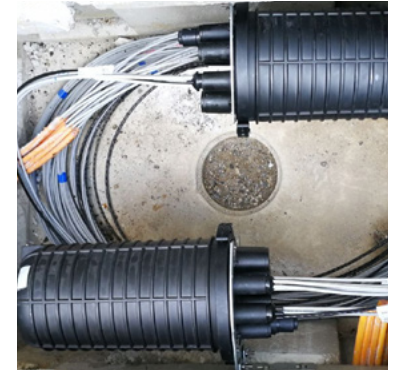
Fiber Optic
Cable



Silway
FTTR System



Fiber Optic
System



Closure



Fiber optic tools
and instruments



Data Center



Rack and
Cabinet

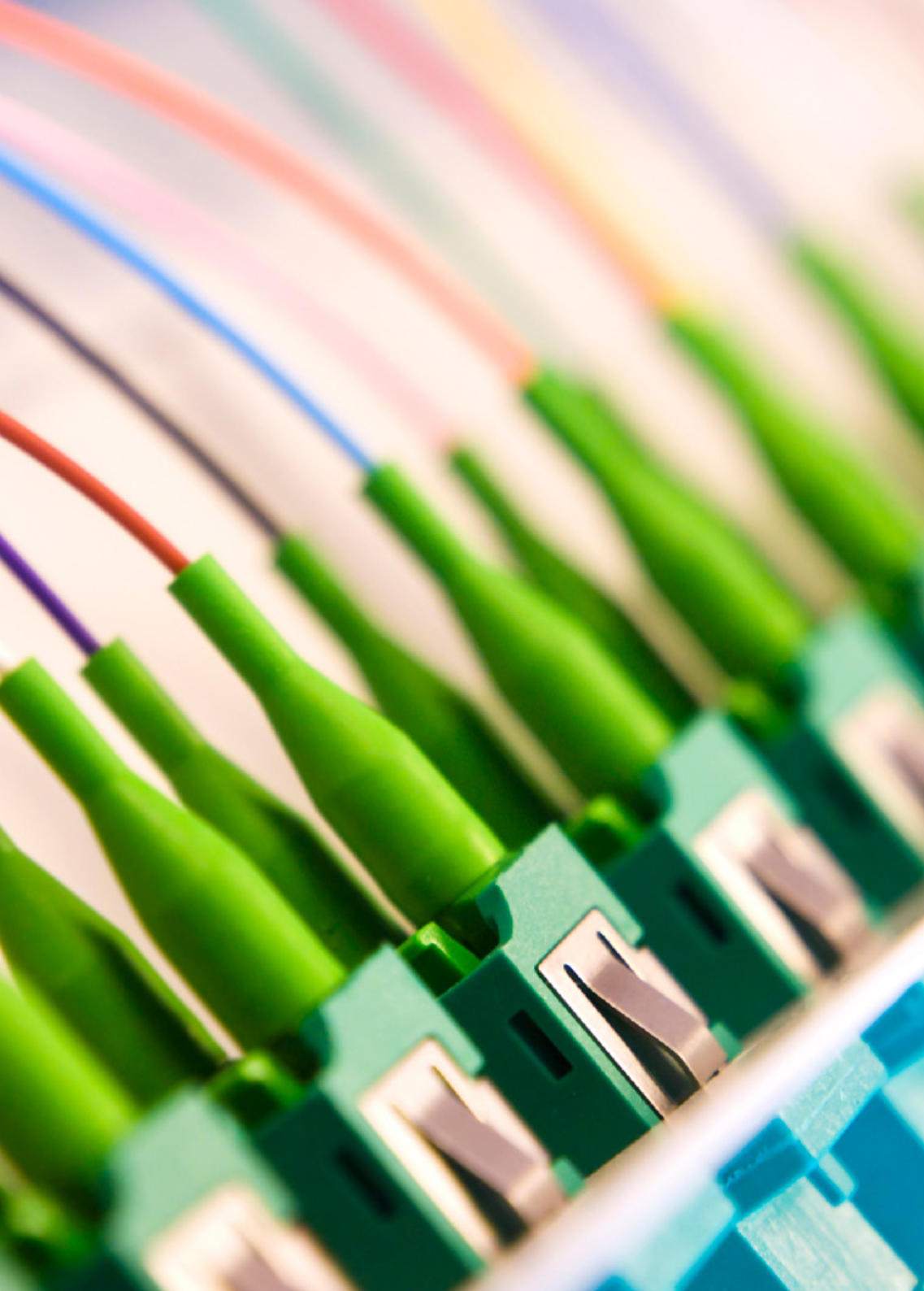


Microducts
& Accessories



Aerial
Accessories

08 | Products

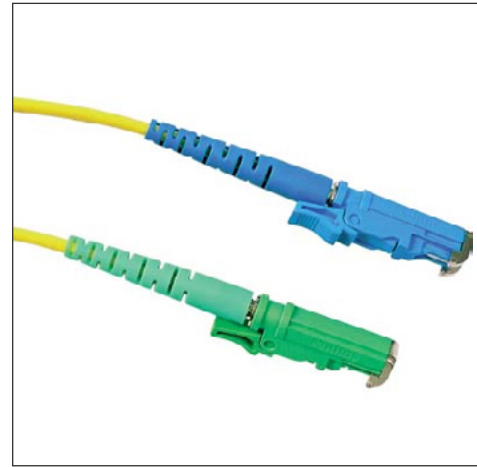


optic
passive
components



PATCHCORD

- FIBER OPTIC PATCHCORD
- FIBER OPTIC FAN-OUT AND TRUNK MPO PATCHCORD
- PATCHCORD SC/APC – SC/APC



PIGTAIL CONNECTOR

- FIBER OPTIC PIGTAIL
- PIGTAIL WITH FBG 1650NM U BAND REFLECTOR EMBEDDED



WDM

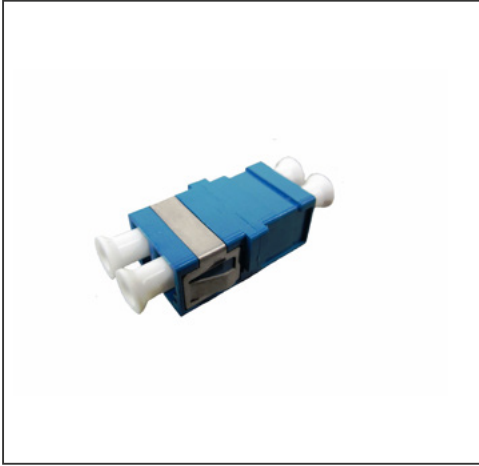
- TIM: WDM GPON / XGS-PON CEX FILTER
- ENEL: WDM OTDR RING



PLC

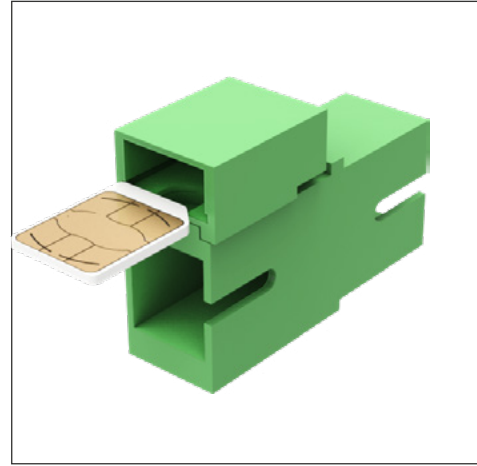
- 1XN & 2XN PLC SPLITTER
- MINI STEEL TUBE PLC SPLITTER
- 1XN & 2XN PLC SPLITTER
- PLC PRIMARY SPLITTER
- COMPACT SC/APC PRECONNECTORIZED PLC SPLITTER

products | optic passive components



ADAPTER

- FIBER OPTIC ADAPTER



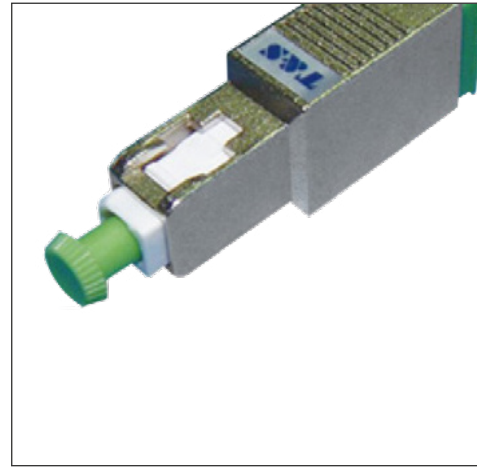
SMART ADAPTER

- SM@D – SMART ADAPTER SYSTEM FOR USER RECOGNITION IN THE FIBER OPTICAL CABINETS



ATTENUATOR

- FIBER OPTIC ATTENUATOR



U-BAND REFLECTOR

- U-BAND REFLECTOR
- MONODIRECTIONAL FBG REFLECTOR
- BIDIRECTIONAL FBG REFLECTOR
- PIGTAIL WITH FBG 1650NM U BAND REFLECTOR EMBEDDED

products | optic passive components



MECHANICAL CONNECTOR

- SC/APC FAST MECHANICAL CONNECTOR
- LC/APC FAST MECHANICAL CONNECTOR



SPLICE-ON CONNECTOR (SOC)

- SC/APC SPLICE-ON CONNECTOR
- LC/APC SPLICE-ON CONNECTOR



MECHANICAL SPLICE

- FIBER OPTIC MECHANICAL SPLICE

products | optic passive components



fiber
optic
cables



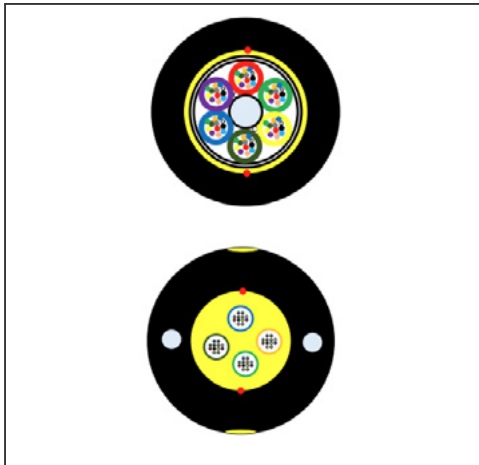
CABLES-OUTDOOR-2-SCA

- B2CA - UNDERGROUND BLOWING MICROCABLES



CABLES-INDOOR-2-SCA

- B2CA - UNDERGROUND BLOWING MICROCABLES

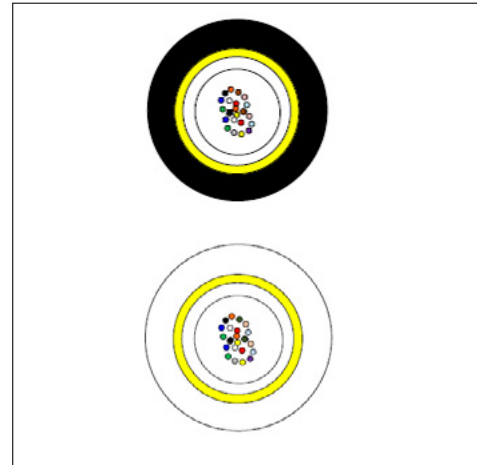


ADSS CABLES

- 48..72 FIBERS
- 96 FIBERS
- 144 FIBERS
- 192 FIBERS

ADSS DROP CABLES

- 24..48 FIBERS
- 4..12 FIBERS



OUTDOOR MICRO CABLES

- 4..24 FIBERS

INDOOR MICRO CABLES

- 4..24 FIBERS

products | fiber optic cables



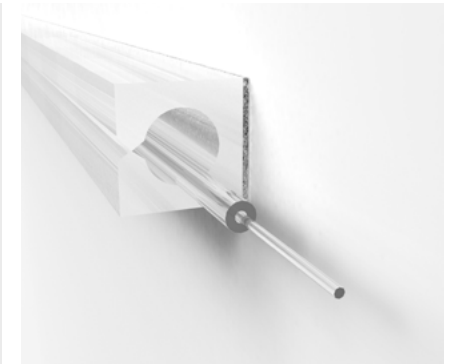
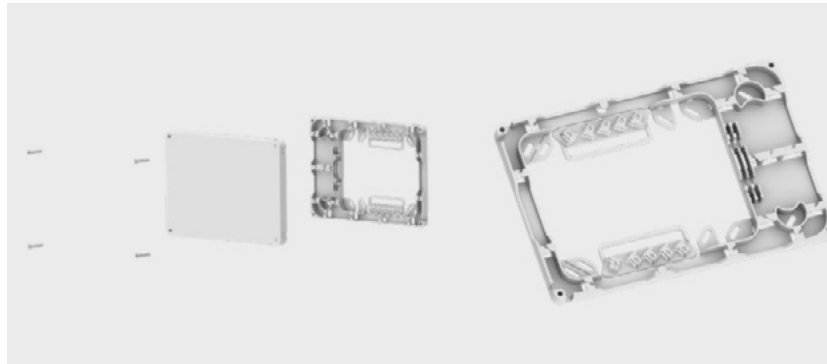
SILWAY *FTTH & FTTR* system

Designed and created by Out Line, SILWAY allows you to bring the optical fiber to every point of the apartment. The small and transparent profile allows you to pass the fiber in a simple and clean way where it is not possible to use the existing electrical system.

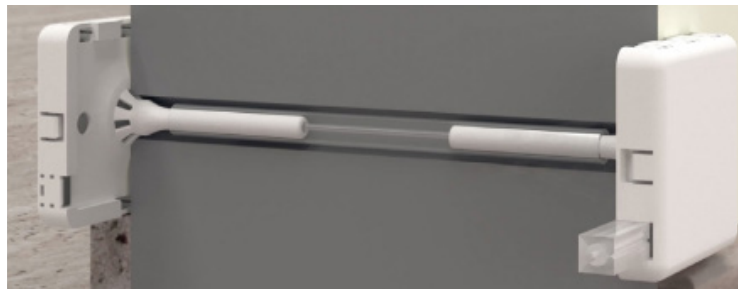


SILWAY guarantees the correct curvature of the optical fiber even in the presence of edges and corners.

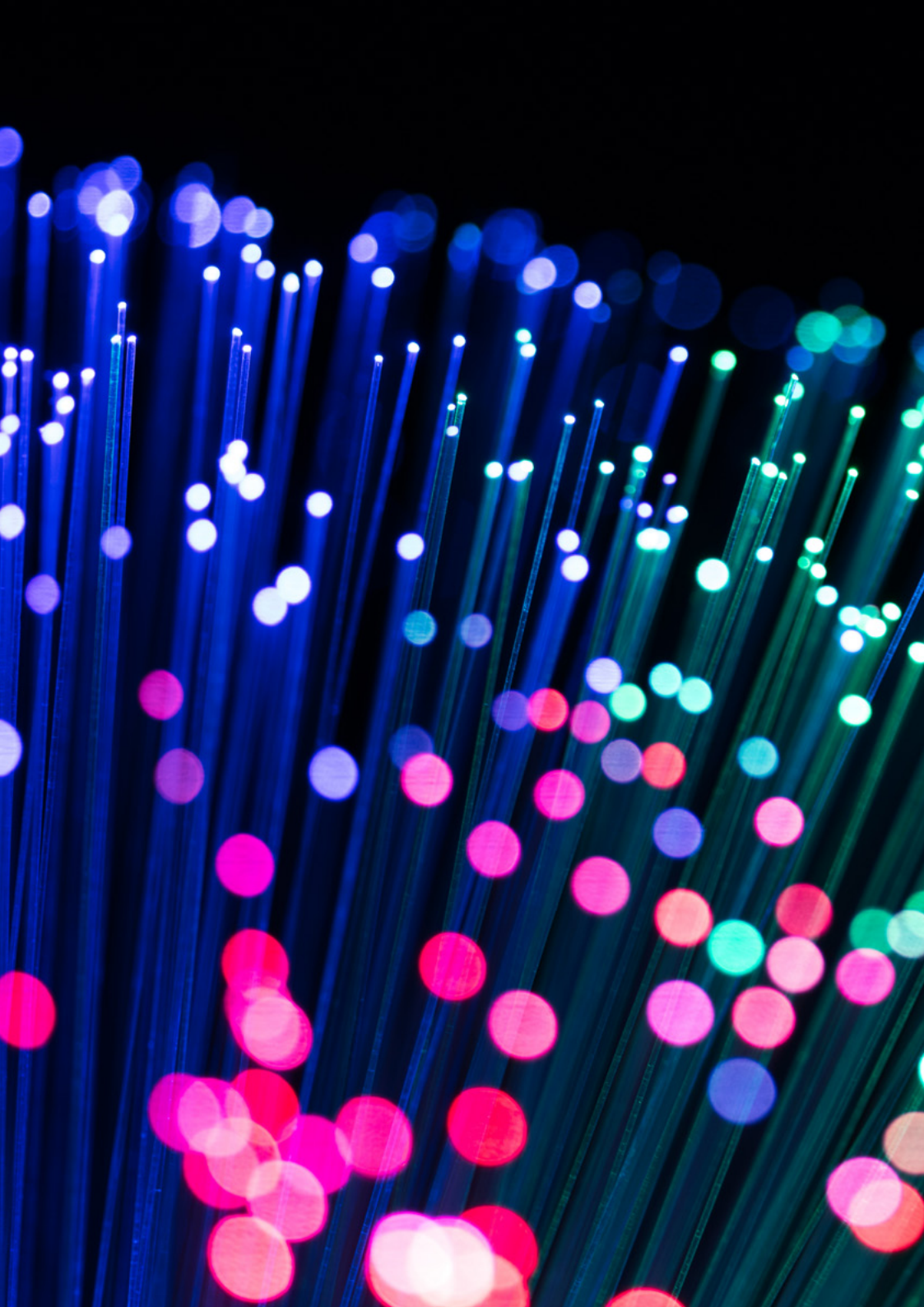
This system allows everybody to create a protective path for cables in general up to 2.5mm in diameter with a minimum visual impact. Particularly it was designed for optical fibers.



The need arises from the frequent obstruction of junction boxes and corrugated pipes that do not allow the passage of delicate fiber optic cables.



products | SILWAY



fiber
optic
system
FTTH



WALL OUTLET

- 1 FO WALL OUTLET
- 2 FO WALL OUTLET
- 4 FO WALL OUTLET
- PLESIO - FRAME WALL OUTLET



PTE BOXES

- 12 FO
- 24 FO
- 48 FO
- 72 FO



PIZZA BOX WALL OUTLET

- FROM 10M UP TO 100M LENGTHS
- B2CA 4FO CABLES
- CUSTOMIZABLE CABLES
- CUSTOMIZABLE BOX AND OUTLETS



FTTH ACCESSORIES

- PRIMARY DIVIDER
- COMPACT FLOOR BOX
- SECONDARY DIVIDER

products | fiber optic systems



fiber
optic
closure



SINGLE ELEMENT (FOSC TYPE)

- SPLICE TRAYS AVAILABLE
- MINI CLOSURE
- DIFFERENT BASES AVAILABLE



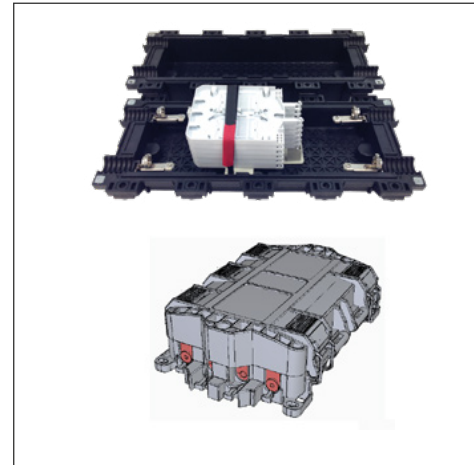
SINGLE CIRCUIT (FIST TYPE)

- ROUND CLOSURE
- SQUARE CLOSURE
- CUSTOMIZED CLOSURE



SINGLE CIRCUIT POINT OF FLEXIBILITY (FIST TYPE)

- ROUND CLOSURE
- SQUARE CLOSURE



INLINE CLOSURE

- STANDARD INLINE CLOSURE
- CUSTOMIZED INLINE CLOSURE

products | fiber optic closures



fiber
optic
*tool &
instruments*



FULL CASE FOR JOINTERS

- FIBER OPTICS – FULL CASE FOR JOINTERS



CUTTING AND STRIPPING TOOLS

- CUTTING AND STRIPPING TOOLS



POLISHING TOOLS

- POLISHING TOOLS

products | tools and instruments



ADAPTER

- FIBER OPTICS – MEASURING INSTRUMENTS OTDR



EASY SPLICER

- EASY SPLICER - FTTH COMPACT AND FAST SPLICER MACHINE



EasySplicer PRO

- EASYSPLICER PRO IS A 4 MOTOR, X/Y CORE POSITIONING FUSION SPLICER, DESIGNED FOR DAILY OPERATION IN FIBER OPTIC NETWORKS.



OTDR

- MEASURE DISTANCE FROM 0 TO 60 KM, IN RESOLUTION OF 1M
- MEASURE DB LOSS WITH A RESOLUTION OF 0.01 dB
- AUTO MODE FOR SUPER EASY OPERATION (AND EXPERT MODE FOR EXPERTS)
- 4.3 INCH, MULTI COLOR LED, TOUCH SCREEN

products | tools and instruments

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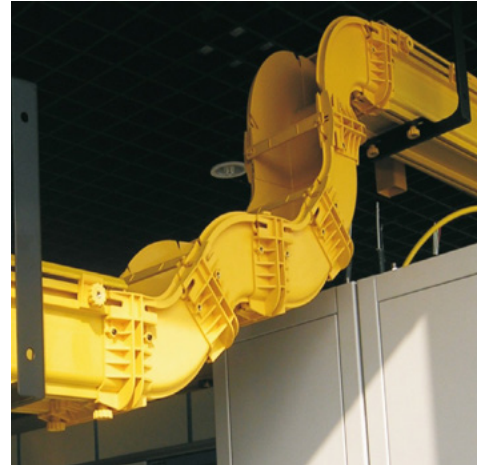


data
center



RACKS AND CAGES

- RACKS AND SUBRACKS
- DC CAGES AND SLIDING DOORS



CABLE MANAGEMENT

- CABLE DUCT
- DUCT ACCESSORIES
- ADAPTER TO PANDUIT
- ADAPTER TO ADC KRONE



FIBER OPTIC CABLING

- MPO-MPO® CABLES
- SIMPLEX / DUPLEX PATCH CORD
- OPTICAL BOXES



POWER DISTRIBUTION MANAGEMENT

- PDU IP
- PDU MPRO
- PDU MPRO X
- PDU Z
- PDU 48 VCC

products | data center



A/C SOLUTIONS

- DIRECT EXPANSION WITH INVERTER TECHNOLOGY REMOTE CONDENSER
- OPTIONAL INDIRECT FREE COOLING
- CHILLED WATER WITH AIR-TO-WATER EXCHANGER
- OPTIONAL INDIRECT FREE COOLING



FIRE EXTINGUISHING SOLUTIONS

- CONDENSED AEROSOL BASED
- EXTINGUISHING AGENT: DIELECTRIC, NON-ACIDIC, NON-CORROSIVE, SURE FOR ELECTRONIC EQUIPMENT AND DEVICES
- CHILLED WATER WITH
- 3U CONTROL UNIT WITH MASTER DISPENSER FOR A SINGLE RACK
- UP TO 5 SLAVE DISPENSERS IN BATTERIES OF RACKS.

products | data center

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fiber
optic
*rack &
cabinet*



ODF RACK

- DATA ROOM RACK
900X300X2.200 MM
- DATA ROOM RACK
1.200X300X2.200 MM



ETSI N3 RACK

- DATA ROOM RACK
600X300X2200 MM



JUNCTION/TERMINATION SUBRACK

- PRE-CABLED SOLUTION
- PRE-CABLED SOLUTION - UP TO 144 OPTICAL FIBERS



JUNCTION/TERMINATION SUBRACK

- EMPTY SOLUTION
- EMPTY SOLUTION - UP TO 72 OPTICAL FIBERS SPLICES

products | racks and cabinets



OUTDOOR STREET CABINET FOR UP TO 256 USERS

- PFS4 OPEN FIBER 256U SC/APC CONFIGURATION
- CNO INFRATEL 256U SC/APC CONFIGURATION
- SCP PPC 256U SC/APC CONFIGURATION



OUTDOOR STREET CABINETS FOR UP TO 576 USERS

- CRO FIBERCOP 384U SC/APC CONFIGURATION
- CRO FIBERCOP 576U SC/APC CONFIGURATION



POLE CABINETS FOR UP TO 288 USERS

- PFS 144 SC/APC CONFIGURATION
- PFS 288 SC/APC (WITH MPO CONNECTORS) CONFIGURATION



OUTDOOR STREET CABINETS FOR UP TO 128 USERS

- MINI-CRO FIBERCOP 128U SC/APC CONFIGURATION
- MINI-PFS 144U LC/APC CONFIGURATION

products | racks and cabinets



EXTENSION CABINET FTTC FOR OUTDOOR

- FTTC EXTENSION CABINET 250W
- FTTC EXTENSION CABINET 300W



DSLAM CABINET INDOOR

- DSLAM CABINET MEDIUM
- DSLAM CABINET LARGE



FWA CABINET OUTDOOR

- FWA MASTER CABINET
- FWA SLAVE CABINET



GSM-R / ERMTS

- OUTDOOR IP55
- TUNNEL IP65
- A/C UNITS FOR OUTDOOR
- POWER DISTRIBUTION UNIT

products | racks and cabinets



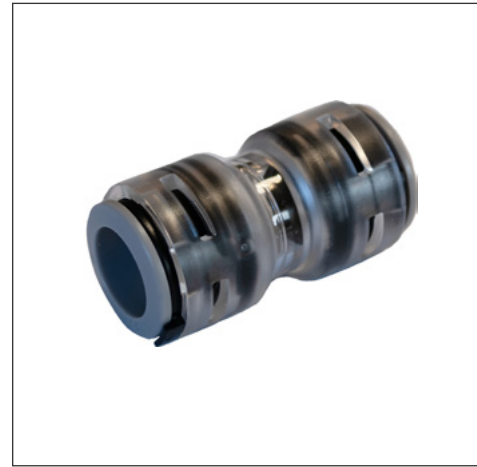
microducts &
accessories

Innovative Solutions



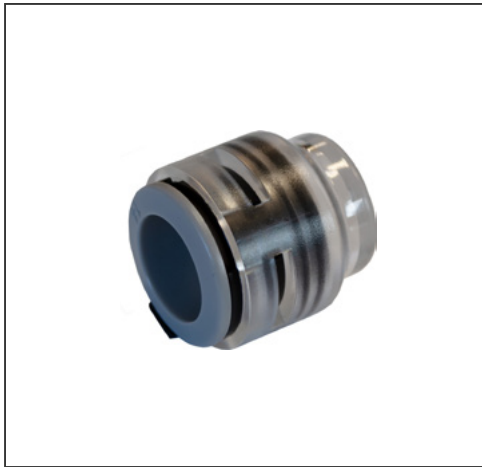
MICRODUCTS

- SINGLE SPEED-PIPES
- BUNDLES
- FENDER



CONNECTORS

- 7 MM
- 10 MM
- 12 MM
- 14 MM
- 16 MM
- OTHER MEASURES UPON REQUEST



END CAPS

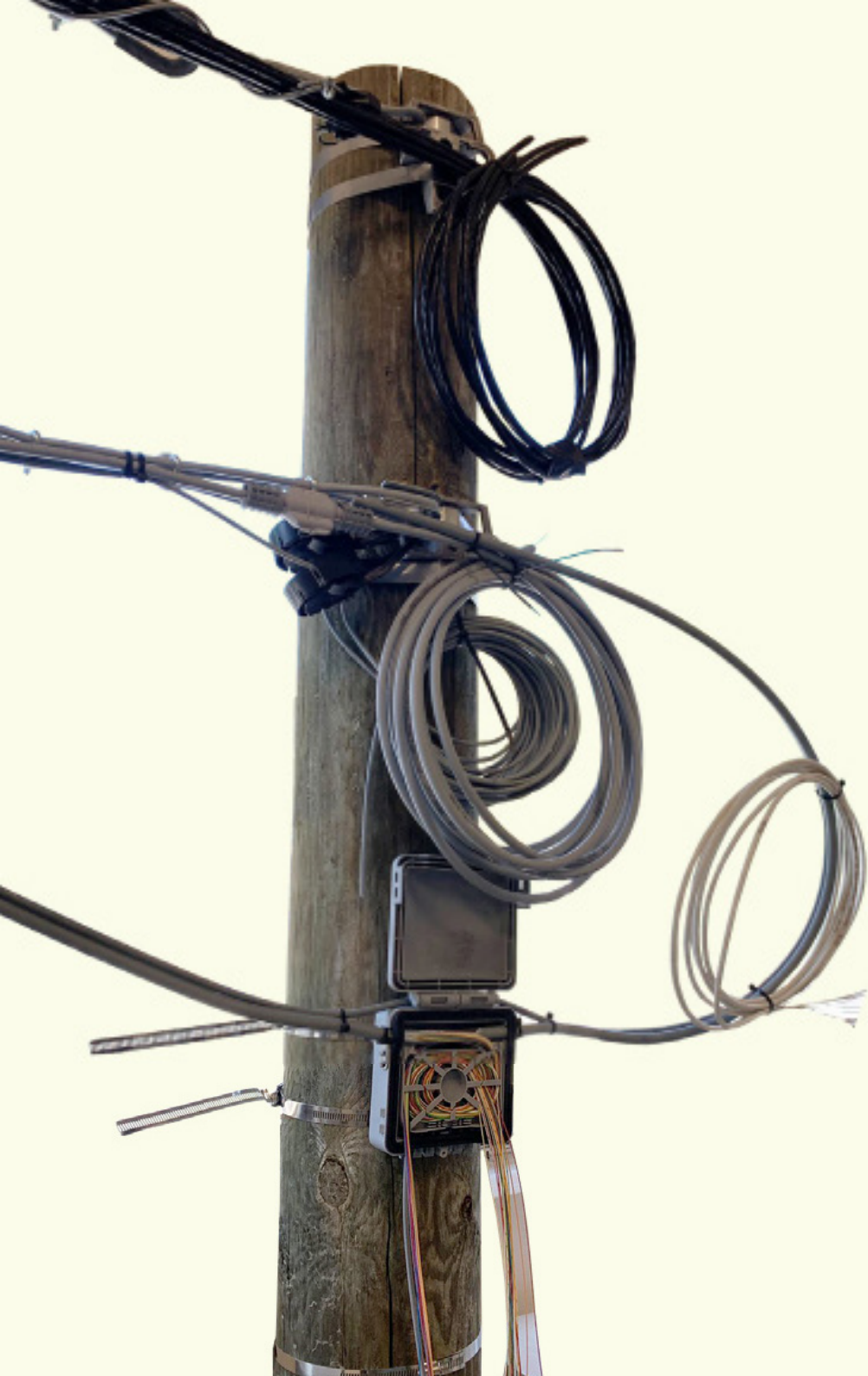
- 7 MM
- 10 MM
- 12 MM
- 14 MM
- 16 MM
- OTHER MEASURES UPON REQUEST



REDUCERS

- 14/12 MM
- 12/10 MM
- OTHER MEASURES UPON REQUEST

products | microducts and accessories



aerial *accessories*



2/4HH AERIAL DIVIDER

- FIBER DISTRIBUTION BOX FOR 2/4 UI FOR AERIAL OR WALL INSTALLATION



6HH AERIAL DIVIDER

- FIBER DISTRIBUTION BOX FOR 6 UI FOR POLE OR WALL INSTALLATION



STEEL COLLAR

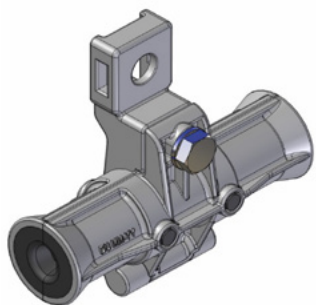
- THE ELLIPTICAL COLLAR IS PLACED ON TOP OF THE FIBER-GLASS POLES AND WOODEN POLES. IT PERFORMS THE TASK OF CONNECTING ACCESSORIES SUCH AS THE CHAIN TENSIONER



METALLIC TIE-ROD WITH INTEGRATED THIMBLE

- THE HOOK FOR ANCHORING TO THE POLE RING AND THE INTEGRATED THIMBLE THAT ALLOWS THE PASSAGE OF THE ANCHORING CLAMP

products | aerial accessories



ACCESSORIES FOR SUSPENSION TYPE A

- THE TYPE A SUSPENSION DEVICE IS SUITABLE FOR SUPPORTING THE SELF-SUPPORTING OPTICAL CABLE WITH A DIAMETER OF 13 ± 0.5 MM TO THE SUPPORT POLES WITHOUT TENSION OR WITH LIMITED AXIAL TENSIONS AND ENSURES THE ANCHORING OF THE CABLE



SMART ADAPTER

- THE OPEN FIBER SUSPENSION DEVICE IS SUITABLE FOR SUPPORTING THE SELF-SUPPORTING OPTICAL CABLE WITH A DIAMETER OF 13 ± 0.5 MM TO THE SUPPORT POLES WITHOUT TENSION OR WITH LIMITED AXIAL TENSIONS AND ENSURES THE ANCHORING OF THE CABLE



ACCESSORY FOR MOORING

- SUPPORT ELEMENT FOR OVERHEAD LAYING OF CABLES. CONSISTING OF A TIE ROD AND SUCTION FILAMENTS CAPABLE OF WRAPPING AND SUPPORTING THE CABLE



U-BAND REFLECTOR

- THE U-SHAPE FIBER SLACK STORAGE DEVICE IS THE PROTECTION FOR ADSS AND STANDARD CABLES INSTALLED ON WOODEN OR CONCRETE POLES

products | aerial accessories



CABLE POLE DISTANCER

- DIFFERENT DIAMETER CABLE BLOCKING SYSTEM FOR POLE INSTALLATION, CREATING A DISTANCE BETWEEN THE CABLES AND THE POLE TO HELP THE INSTALLERS TO CLIMB ON THE POLES



FIBER SLACK POLE DISTANCER

- DISTANCER FOR FIBER SLACK POLE INSTALLATION WITH DIFFERENT DIAMETERS ADJUSTABLE, CREATING A DISTANCE BETWEEN THE CABLES AND THE POLE TO HELP THE INSTALLERS TO CLIMB ON THE POLES



FIBER SLACK STORAGE

- FIBER SLACK STORAGE WITH DIFFERENT DIAMETERS ADJUSTABLE FOR POLE AND WALL INSTALLATION



CLAMPS FOR CABLES

- DIAMETER OF 3-8 MM
- DIAMETER OF 14-18 MM
- DIAMETER OF 8-15 MM

products | aerial accessories



POLE COVER

- NON METALLIC
- NON METALLIC OPENABLE
- NON METALLIC WITH BACK PROTECTION



SUSPENSION CLAMPS FOR ABC AND ADSS CABLES

- SUSPENSION CLAMPS FOR ABC AND ADSS CABLES DIAMETER FROM 4,6 MM TO 11 MM

products | aerial accessories

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