

FTTX SOLUTIONS

Passive Equipment For
Telecommunication Networks

Shaping
the future of
connectivity!

OMELCOM
Spirit of innovation

OVERVIEW

p.3

**A global
ecosytem**

p.4

**Omelcom
DNA**

p.5

**Addressing
specific
challenges**

p.6

**A need,
a solution**

Product ranges

Terra

p.10

Amphibox

p.12

Luna

p.14

Indoor

p.18

Distri-Protect

p.16

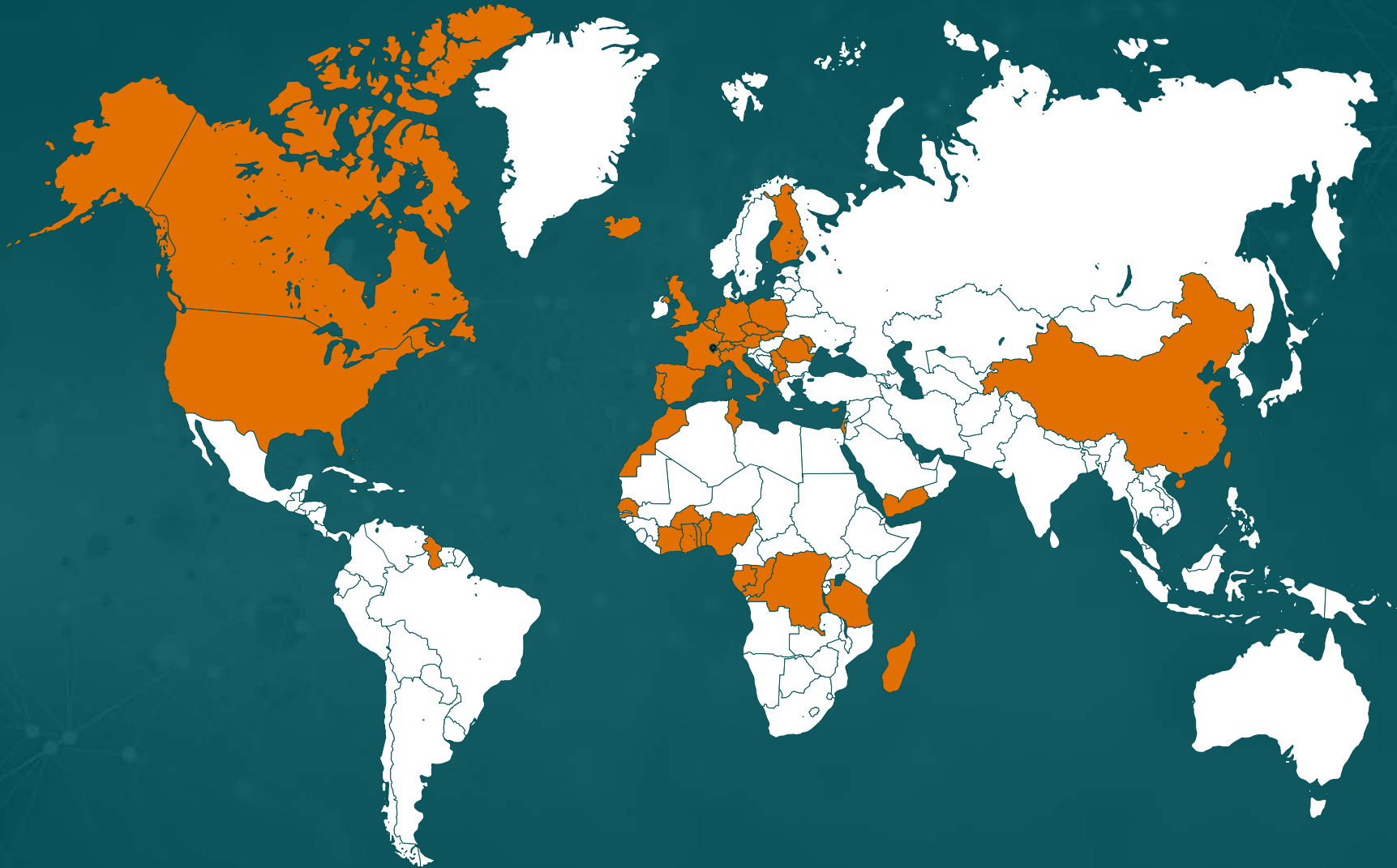
Ludoptic

p.20

Easylink

p.22

Your connectivity partner!



Bell

■ ■ T Deutsche
Telekom

glasfaser
nordwest

free

hager

proximus

monaco
telecom

orange

axione

MICHAUD

SIEMENS

ABB

GEWISS

As a trusted French manufacturer, Omelcom delivers **innovation**, **reliability**, and **growth**.
With a remarkable **25% annual growth**, our solutions span Europe, Africa, and Asia, ensuring **seamless connectivity**.
Experience the power of innovation with **100 new developments annually**, and trust in our **98,5 % customer satisfaction rate**.
Omelcom goes beyond manufacturing; we are your **reliable partner** in shaping the future of global connectivity. Connect with us
and explore how together, we drive the future!

Omelcom, your innovation partner in telecommunication networks

Omelcom stands as a premier supplier to major FTTH and residential home network players, boasting over a decade of earning the trust of telecommunications giants across Europe. Situated in France, we cater to international telecommunications operators, electrical supply manufacturers, and fibre optic and copper network installers.



Innovation at the core

Our strategy revolves around customer excellence, driven by innovation. Proximity to clients ensures unique solutions, backed by numerous patents and a commitment to easy product installation.



Crafting excellence

Our focus on simplicity and practicality results from extensive study and experimentation. Easy handling and intuitive installation are key to your success.



French-certified quality

Guaranteeing robustness, competitiveness, and reliability, Omelcom ensures industrial quality with a measured and limited carbon impact, aligning with our CSR commitments.



Tailor-made solutions

With 30+ patents in the last 10 years, Omelcom offers tailor-made, plug-and-play solutions. We are customer-centric, maintaining a 98.5% service satisfaction rate.



Our offerings

1 Expertise in telecommunication networks
Solutions for Telcos, from classic outlets to network supervision components.

2 Enclosure design mastery
Specialising in enclosure design, Omelcom offers various enclosures, including high-end IP68 units.

3 Supplier of global solutions
A focused team ensures quick sourcing and supply of diverse products.



Our Corporate Social Responsibility

At Omelcom, Corporate Social Responsibility (CSR) is central to our operations, driving our commitments to **People, Planet, and Prosperity**. We focus on creating a positive impact by supporting communities, promoting sustainability, and fostering ethical business practices. Our initiatives aim to build trust, enhance well-being, and ensure responsible growth, ultimately contributing to a brighter future for all.

Our commitments



Invest in skills development for employees

We support career growth by maximising skills through continuous professional development, fostering trust and engagement to ensure employees are empowered, happy, and innovative in their roles.



Empowering the next generation

We help guide young people into the workforce through work-study programmes and CSR training at educational institutions.



Sustainable employee mobility

We are committed to promoting sustainable commuting by offering incentives for carpooling and low-impact transportation.



Promote good practices in telecoms

We are committed to advancing the telecoms industry by contributing to the development of reliable, high-quality networks, promoting digital inclusion, and reducing the environmental impact of network infrastructure.



Intuitive product design for global use

We are committed to enhancing our solutions to ensure they are adaptable for use in all countries, across all types of networks, delivering greater value to all stakeholders.



Ethics are central to our values

Ethics are at the core of our values, guiding our commitment to integrity, transparency, and responsible practices.



Reduce our Greenhouse Gas Emissions

We have identified key emission sources, defined our climate strategy, and developed a decarbonisation plan to achieve carbon neutrality.



Our Decarbonisation Plan

We are reducing our carbon footprint by focusing on eco-design, low-carbon purchases, sustainable employee travel, optimised logistics and freight, and cleaner site energy consumption.



Commitment to supplier decarbonisation

We are working with key suppliers to assess emissions and explore decarbonisation efforts.



Find out more about
our **CSR** initiatives



Past initiatives and achievements



Invested in skills development

as part of our commitment to employee growth.



Supported employees

through training initiatives



Achieved a high average recommendation score

from our customers.



Leadership in digital network development

We have been involved in initiatives to ensure superfast broadband access for all homes through the deployment of high-performance cable and Wi-Fi networks.



UK Fibre Awards Winner

We won the Best Fibre Innovation Award at the UK Fibre Awards 2023 for the Omelcom Ludoptic, a solution that accelerates FTTH deployment, enhances network verification quality, ensures safety during continuity tests, and adapts to the length of the optical link being tested.



Driving positive change

We have taken steps to promote respect, sustainability, and responsible practices through new initiatives and policies.



Achieved Gold EcoVadis rating

in 2024, highlighting our commitment to Corporate Social Responsibility in areas such as the environment, labour rights, ethics, and sustainable procurement.



Recycled materials within our products

We took a step towards sustainability by integrating recycled ABS into the internal components of its Distri-Protect optical distribution boxes.



Made significant progress

in reducing our energy consumption, surpassing our initial targets.



A product range for all your FTTx & copper network needs

MDU
Connection solutions

LUNA

P. 14

Network supervision
& components

LUDOPTIC

P. 20

Street cabinet
& patch panels

TERRA

P. 10



Urban &

P. 16

Aerial FTTH
Network



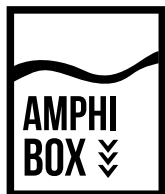
P. 22

Antenna fibre
connection FTTA

EASYLEINK

P. 12

Underground
FTTH Network



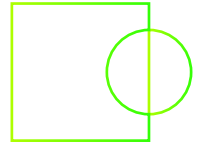
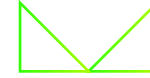
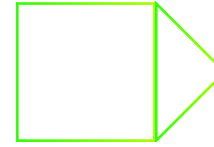
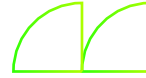
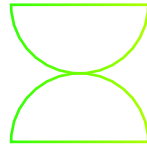
P. 18

Last miles
solutions

indoor



rural connections



High resistance FTTx street cabinets & distribution frames

3 main benefits

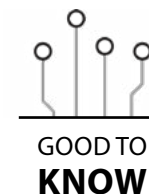
- Robustness and reliability
- Innovation in cable management
- Modularity and scalability

The brand new TERRA range provides FTTx solutions for street applications: long-lasting street cabinets made of premium aluminium or high quality plastic, with an excellent resistance against weather effects and overall mechanical impacts.

These secured enclosures will fit several connection options up to 144 trays and 1,728 fibres.



The logo features the word "TERRA" in a bold, brown, sans-serif font. Above and below the text are two bright green L-shaped brackets, one pointing up and one pointing down, framing the word.



Get rid of disposable clamps thanks to an innovative fixing system. No more handling, less environmental impact and financial loss.



Optical distribution frame

- Sliding or pivoting
- 19" 1 HU shelf with adaptable configurations
- Options for 96 LC/APC or 48 SC (grade B) positions
- Lightweight, stackable, and easy to install



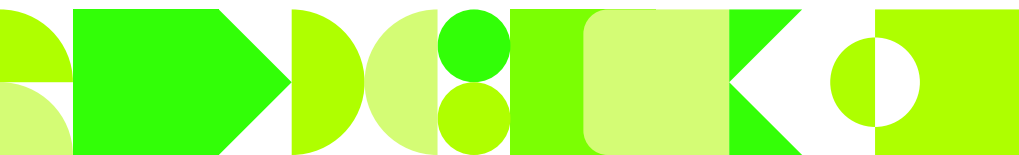
Polymere street cabinet XS

- Modular, upgradeable bollard
- Limits operating costs
- Flexible positioning and attachment of equipment
- Compact size, locked with a key
- 692 x 230 x 168 mm



Polymere street cabinet S

- Modular, upgradeable bollard
- Limits operating costs
- Flexible positioning and attachment of equipment
- Compact size, locked with a key
- 1000 x 350 x 215 mm





Underground high-resistance solutions

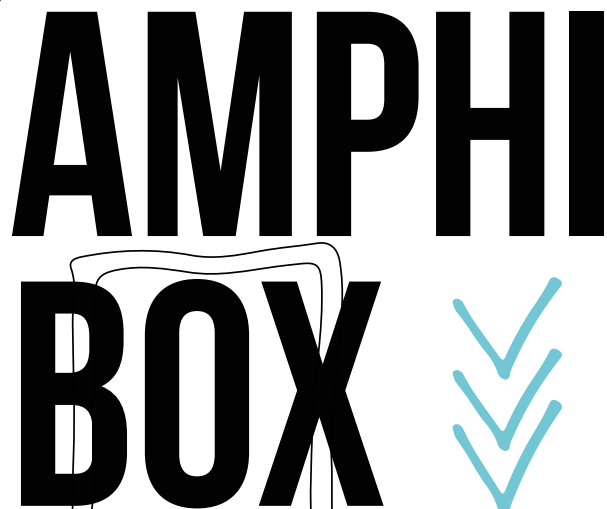
3 main benefits

- Scalable connectivity
- Reliable environmental sealing
- Flexible splice protector compatibility

Our Amphibox range covers all connectivity needs from 4 splices up to 1008 splices.

The tightness is ensured by a gel system, without any accessories for the boxes containing 4 splices up to 72. For bigger boxes, the tightness is provided by accessories that cover all the entry diameters – cable output from 2mm up to 25mm.

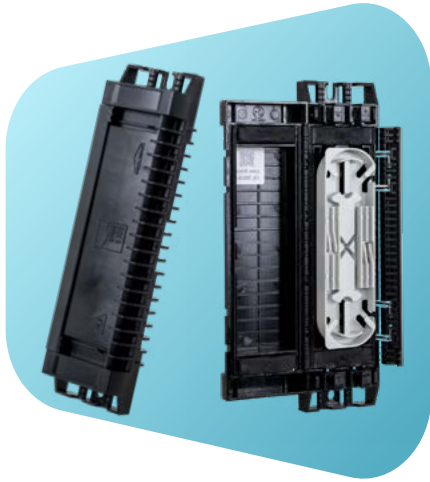
The tray system facilitates the integration of various splice protectors, including both heat-shrink and crimp sleeves (ANT), and allows for flexible positioning of the splitter.



AMPHI
BOX



Find out more about
the **Amphibox** range



Nano 4F

- Ultra compact and discreet design
- Demarcation, repairing, extension, network burial
- IP68 and IK08
- 4 splices, 2 adapters



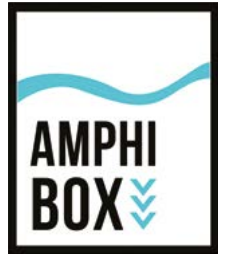
Mini 12F

- Compact and discreet design
- IP68 certified for underground and aerial use
- UV-resistant for enhanced durability
- Perfect sealing with high-quality silicone gel
- Designed to hold ADSS cables and pipes



USN 48F

- 2 versions: one 48 splices, one 16LC/APC adapters
- No sealing accessories required
- Multi application: Manholes, poles, facades



Domes

- High-capacity domes: from 144 to 1008 splices
- Either flat or round
- Wide range of input/output ports for several cable diameters



Fiber network marker

- 10cm diameter orange spheres as markers along underground cables
- Send signals up to 1 m deep.
- No more needless excavations – just seamless, future-forward connectivity
- Frequency 101.4 kHz

Wall mounted connectivity solutions

3 main benefits

- Flexible application
- Reliability and watertightness
- Efficiency and customisation



**NEW
DESIGN**



**NEW
LOCKER**



The LUNA range includes 3 different box sizes covering all type of applications, whether splice or network termination.

The watertightness is ensured by a surrounding sealing and cable grommets, allowing cable or micro-cables with a diameter from 2 mm up to 12 mm to be lead in. Sealings for cables of smaller diameter are also available in a slotted version, facilitating the use of patch cords or pre-connected cables.

The tray system allows the implementation of all types of splice protectors, whether heat shrink (HS) or crimp sleeves (ANT). The two biggest boxes have the capacity to contain up to 36 SC connectors and have a location for a splitter up to 1:32.



Find out more about
the **LUNA** range



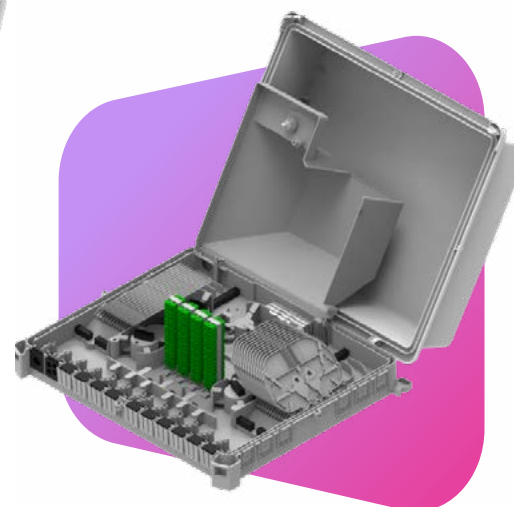
LUNA Customer Demarcation Box

- High-capacity storage for preconnected cables (20 m of 3 mm cable)
- Accommodates 4x LC or SC/APC adapters
- 4 drop cable ports and 2 backside outputs
- 180 x 160 x 50 mm, IP 54



LUNA box size SP, S & M

- 3 sizes IP55 compact enclosures for MDU connexion
- Up to 36 adapters for M box
- Splicing, connecting, or splitting
- Versatile fixing methods: poles or facades limited footprint



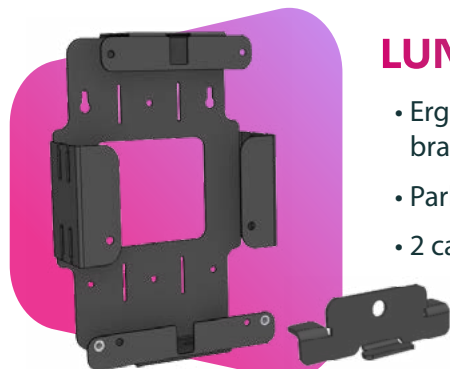
LUNA box size L

- Up to 64 adapters, 4x 1:32 splitter
- IP 55 compact enclosures for larger MDUs
- Up to 288 splices



LUNA box size UFMS

- Flexible customisation
- Up to 216 splices and 48 LC/APC adapters
- Splitters-friendly



LUNA Bracket

- Ergonomic fixation of the enclosures to the bracket
- Parking position to ease cable access
- 2 cable storage zones: inside and outside



LUNA Wall Penetration System

- Discrete and nice-looking, benefit from a design cable entry finishing
- Guarantees the compliance of the bending radius of the cables



Aerial distribution enclosures

3 main benefits

- Compact design for efficient deployment
- Patented Distri-Protect & Easy'Secure systems for OPEX reduction
- Versatile and watertight construction



The Distri-Protect range was developed to answer the needs of aerial and facade FTTH deployments. The boxes are very compact to limit the weight on existing poles.

The patented Distri-Protect feature was invented to reduce the OPEX during the network's operation phase. It secures the fibres of the distribution network during the customer connection phase.

The watertightness is achieved with a system of special foam seals, without any accessories, allowing for the connection of cables from 3mm up to 16mm.

The tray system allows the implementation of all types of splice protectors, whether heat shrink (HS) or crimp sleeves (ANT), as well as splitters.

The boxes exist in two configurations: to splice or preconnectorised with adapters and pigtails.



Find out more about the
Distri-Protect range



Aerial Subscribers Node 24

- Divides cable installation time by 10 and multiplies anchoring performance by 4
- Patented Easy'Secure anchoring system
- PIA Size : 313 x 192 x 67 mm
- Up to 12 LC DX or SC adaptors
3x 1:8 splitters



Aerial Subscribers Node 32

- Divides cable installation time by 10 and multiplies anchoring performance by 4
- PIA Size : 346 x 232 x 90 mm
- Up to 32 SC or LC adapters
4x 1:8: or 1x 1:32 splitters



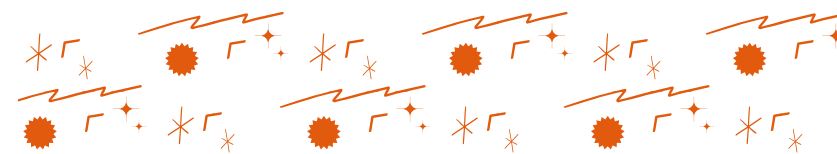
Splice version

- From 4 to 12 trays (up to 144 splices)
- IP55 pole or facade splice boxes
- Patented Easy'Secure anchoring system
- Divides cable installation time by 10 and multiplies anchoring performance by 4



Coiling Bracket

- PIA Compliant
- Easy to fix: only one bolt is needed for a secure closure fixation (captive nut)
- Multiple cable fixation possibilities



A wide range of discreet & design last mile solutions

3 main benefits

- Effortless connectivity
- Discreet fibre optic cables
- User-friendly design

Welcome to the Indoor Range – a sophisticated collection of home connectivity solutions designed to elevate your digital experience.

In an era where seamless connectivity is essential, our Indoor Range stands as the epitome of innovation, marrying user-friendly design with advanced technology.

indoor



Find out more about
the **Indoor** range



Floor distribution boxes

- Compact design for easy installation in crowded risers
- 12 SC/APC or 16 LC/APC adapters
- Up to 4 trays (48F) & 1x 1:32 splitter
- Secure cover for durability and reliability
- Locking option for security



Point of Entry

- Efficiently connects the drop cable to the feeder cable
- Wall or ceiling installation for protection
- Easy to install
- Flexible termination: splicing, pigtail, or on-site FTTH fast connector



Discreet cabling solutions

- Compact size : 80 x 80 x 30 mm
- 30 m Discrete fibre optic cable: 900 µm, nearly invisible to the naked eye
- 1 position for SC or LC adapter,
- Extremely flexible cable for easy installation: G.657.A2 or B3 cable storage capacity
- Available as fire resistance solution (OT'Home resist) with 1.6 mm B2CA cable



Termination kits

- Full range of home connexion kits.
- Cable length from 15 to 80 m
- Can be delivered with a large variety of cable (flat push-pull cable, CCA/B2CA fire resistant round cable...)
- Can be equipped with all our optical termination boxes from 1F to 4F



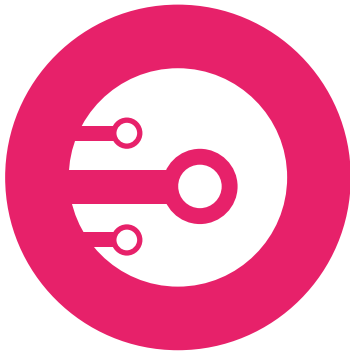
Optical termination boxes

- Available in 1, 2, and 4 fiber versions
- Versatile mounting options: wall, junction boxes, or DIN rails
- Six color-coded entry lines for simplified installation
- Suitable for corner installations with lines strategically positioned

Smart tools for your rollout and maintenance

3 main benefits

- Tailored solutions for field use
- Time and cost savings
- Remote-controlled and connected

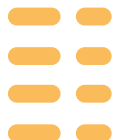


The close relationship we have established with our customers, TELCOs and installers, led us to analyse their deployment and maintenance difficulties.

The products displayed in our Smart tool range represent reliable and strong solutions for use in the field. In addition, all lead to either time or operational cost savings for the network operator.

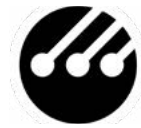
Some of the latest tools we have developed are also remote controlled, connected to an app available on any smartphones, simplifying dramatically the deployment check-up in terms of optical routes.

Selecting an Omelcom Smart tool not only ensures product excellence but also comes with the assurance of responsive after-sales service. Our team is dedicated to attentively understanding your needs, offering tailored lending or repair solutions based on your specific requirements.

 **LUDOPTIC**



Find out more about
the **Ludoptic** range



UK FIBRE AWARDS

WINNER of the Best Fibre Innovation Award 2023
for the Omelcom Ludoptic



Copper maintenance

Easy loop

- Speeds up the testing of a copper line with a megohmmeter

Easy detect

- Enables quick confirmation of existing disturbances & its localisation. Lightweight and robust for field use



Visual lasers fault locators

Ludoptic

- Streamlining optic fibre verification with 2 or 24 remote visible lasers
- Controlled by smartphone, it boosts efficiency, ensuring one-time checks at subscriber nodes
- Adjustable power prioritises safety
- Verifying up to a 10 km distance



Infrared fault locators

Hybrid Ludoptic

- Remotely controlled via Omelcom-Connect app
- Device features an adjustable 650 nm laser up to 10km
- Extendable reach beyond 10 km with a second infrared laser
- Robust design



Cabinet control

ALFI

- Cabinet control with light sensor
- Powered by batteries and prepaid SIM for autonomy and real-time insights
- Remotely controlled by smartphone

EASYLINK *FTTA*



A high-resistance patch cords range

Be flexible by customising the technical dimensions of your cables

Modular enclosures

Be flexible by adapting the enclosure technical functionalities to the network needs

Roll-out the wireless network, get the fibre up to the antenna



Customisable leads

A wide range of grade B1 pre-connected patch cords and breakouts, dedicated to your FTTA application needs in length and connectors



Easy'patch closure

The closure (300 x 138 x 220 mm) allows a direct connection to the 24OF breakout antenna cable to 12x 20F jumpers made of high resistant & powder-coated metal, which is highly weather & impact proof



Easy'patch & power Hybrid closure

Optimise your cost thanks to the hybrid enclosure

- Optical cables up to 24Fo & patch cords
- Electric outputs on modifiable ranks



**INNOVATION
RELIABILITY
GROWTH**

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