Solution for Indoor Blowing Installation

ACOME Group

Founded in 1932, ACOME is a leading industrial cooperative group, headquartered in Paris (France), specialising in the design, manufacture and marketing of high-tech cables, microducts and connectivity equipment for telecom, data and automotive networks.

The acquisition of LYNDDAHL Telecom, manufacturer of ducts and microducts in January 2024 marked a significant milestone for the ACOME Group completing our product portfolio.

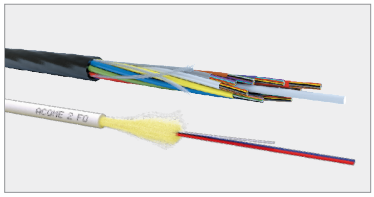
Through the complementary strengths of ACOME, LYNDDAHL Telecom and Idea Optical, we now offer a comprehensive suite of cables, ducts and connectivity solutions for high-speed fibre networks across Europe.

558M€
turnover

1,700
employees

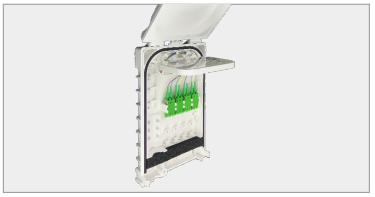
3 ESSENTIAL PRODUCT LINES FOR BUILDING THE PASSIVE LAYER OF YOUR TELECOM NETWORKS

CABLES



MICRODUCTS

CONNECTIVITY



Our vertically- integrated plants and leading-edge industrial know-how guarantee complete autonomous in the production.

MADE IN EUROPE

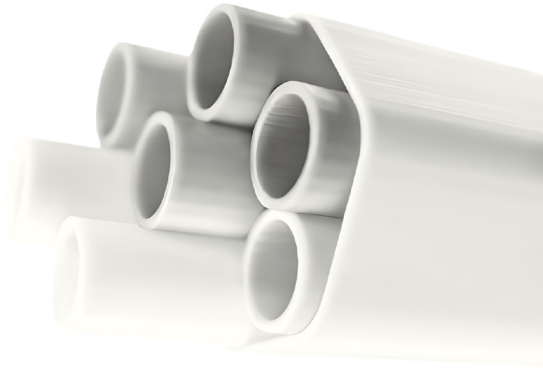
FACTORIES IN FRANCE AND DENMARK

INHOUSE FIRE TESTING LABORATORY
and qualification
with Cofrac certification

INTEGRATED R&D CENTRE AND TEST LABORATORY

ACOME GROUP

Why using blowing method for indoor cabling installation?



Speed and Efficiency

The blowing method significantly reduces installation time compared to traditional methods.
The fibre optic cables can be installed in a short amount of time, minimising downtime for businesses or residents.

Flexibility

Once the multiduct/microduct is in place, additional fibre optic cables can be easily added (as customers take up service) or replaced without significant effort, allowing for future scalability and upgrades without major construction work.

Cost-Effective

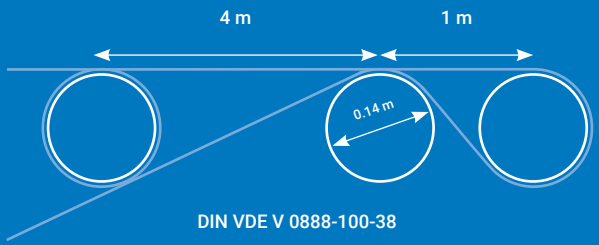
Due to its speed and minimal disruption, fibre optic blowing reduces labour costs and the need for expensive repairs, making it a cost-effective solution specially for new builds and multi dwelling units.

Durability and Reliability

Installation process ensures that cables are safely housed and protected, reducing the risk of damage. Blowing imparts to lowest stress on the fibres/cable, minimising the risk of damage during installation.

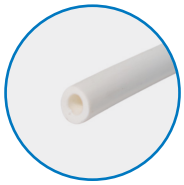
We test our indoor cable blowing performance into the new Indoor Blowing Track (DIN VDE 0888-100-38)

- LSZH microduct (7x1,5mm)
- 14 rounds, 150m
- Mandrel diameter 140 mm (min. Bending radius)



DIN VDE V 0888-100-38

Indoor blowing installation allows single drop distribution solution until the customer premise in one step



Single LSZH Indoor Microduct

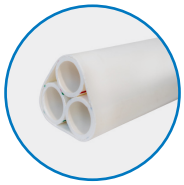
- One per dwelling unit, installed horizontally on the building floors

Microduct-Connector & End Cap

- Connectors and End-Caps to provide easy connection and sealing for the microducts

Indoor Drop Cable COR1821

- Indoor subscriber cable 1 to 4 F, Ø2,6mm
- Suitable for blowing into microducts of 4 mm inner Ø
- One cable per dwelling unit

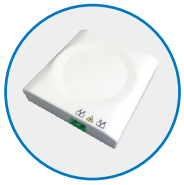


Indoor Microduct-Bundle

- Used for vertical installation

BRIO-L-W

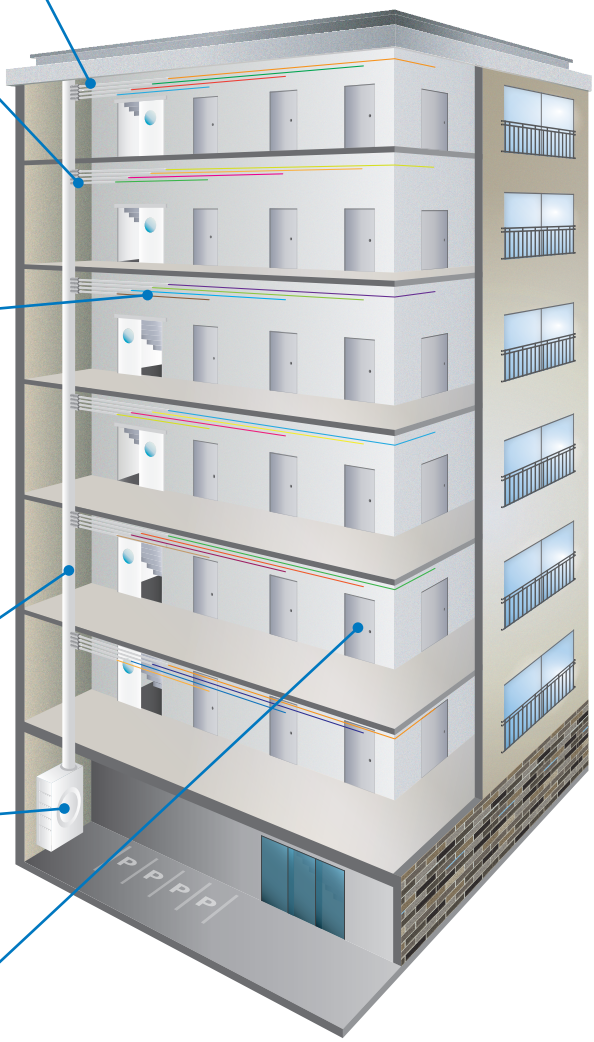
- Preterminated indoor connection box, IP54



PTO-T0 /T1/T1+/T2

- OTO (Optical Terminal Outlet), 1 to 4 F
- End points of the optical fibre connection to which the end devices of the users are connected

Multi Dwelling Unit



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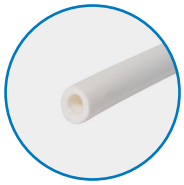
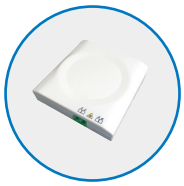


Single LSZH Indoor Microduct

- One per dwelling unit, installed horizontally on the building floors

BRIO-S or SW

- Preterminated indoor connection box, IP40 (for -S version), IP54 (for -SW version)



PTO-T0 /T1/T1+/T2

- OTO (Optical Terminal Outlet), 1 to 4 F
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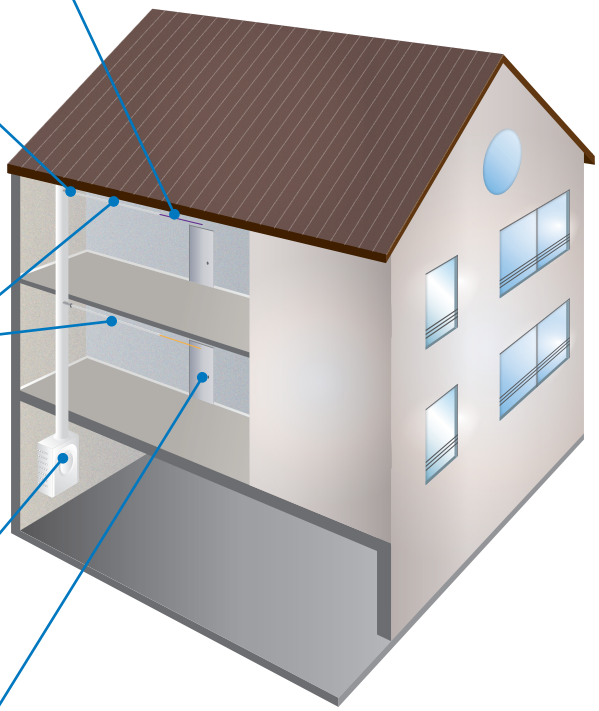
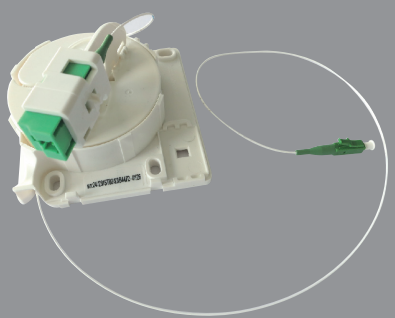
Double Dwelling Unit



Indoor Discreet Cabling Solution kit, all it one to place your terminal outlet wherever you want in your home.

The Indoor Discreet Cabling Solution kit includes a 30-metre discreet 900µm micro-cable reel preterminated at both ends in SC/APC or LC/APC

- Complete solution to position or move an optical outlet anywhere in the home



ACOME GROUP

Key features and products benefits

Our Indoor LSZH microduct solutions provides a flame-retardant, VDE certified (40059293) pathway solution for indoor blowing fibre cable installations

- Crafted from advanced LSZH (low smoke zero Halogen) materials significantly reducing smoke emission and eliminating halogen release in the event of a fire.
- Optimal blowing performance is guaranteed by rigorous manufacturing process control and the low friction inner lining.
- Available in a outer diameter range from 4 mm up to 14 mm and different bundle configuration.
- Natural/neutral colour as standard, coloured formations upon request.
- Accessories such as connectors and end caps complement our system

Indoor drop cable range designed for the indoor connection up to the optical terminal and perfectly suited for blowing installation into 4 mm inner diameter indoor microduct

- Discreet design: compact diameter (2,6mm), white cable sheath.
- Excellent blowing performance (tested on our internal indoor cable test track).
- Fire retardant-LSZH sheath.
- B2ca CPR classified.
- Available in 1 up to 4 fibres G.657.A2 250µm in a module with easy access to the fibre(s).
- Available in preferuled and preterminated version

BRIO Range Preterminated Indoor/ Outdoor Box

- Available in standard version (IP40) and waterproof version (IP54).
- Available in different sizes according the number of dwelling units to be connected.

BRIO-S-ANT

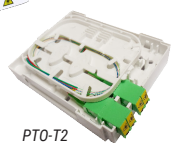
BRIO-M-ANT

Product	IP	Dimensions (LxWxH in mm)	Number of connections	Number of splices
BRIO-S-ANT	IP40	118 x 28 x 80	up to 6 (3 LC/APC-DX)	8
BRIO-M-ANT	IP40	203 x 51 x 147	up to 16 (8 LC/APC-DX)	18
BRIO-S-W-ANT	IP54	209.5 x 46 x 123	up to 8 (4 LC/APC-DX)	18
BRIO-L-W-ANT	IP54	299 x 80 x 223	up to 24 (12 LC/APC-DX)	60

Optical Terminal Outlet : PTO-T0/T1/T1+/T2

- Easy installation : can be done either by splicing, or by using a mountable field connector or by using a pre-terminated cable (PTO Kit incl. cable available).

PTO-T0



PTO-T2

Product	Dimensions (LxWxH in mm)	Number of connections	Number of splices	Assembly
NEW IN 2025 PTO-T0	80 x 10.5 x 80	up to 4 (2 LC/APC DX)	4	Flush mounted
PTO-T1	80 x 20 x 80	up to 4 (2 LC/APC DX)	4	Wall mounted or DIN rail (adaptation plate in option)
PTO-T1+	80 x 23 x 80	up to 8 (4 LC/APC DX)*	6	Wall mounted or DIN rail (adaptation plate in option)
PTO-T2	118 × 28 × 80	up to 8 (4 LC/APC DX)*	8	Wall mounted or DIN rail

**The maximum capacity only applies to pre-assembled versions.*

Available in kits with COR1821 cable (up to 50 metres)

Sales contacts in Europe

DENMARK
Ribe

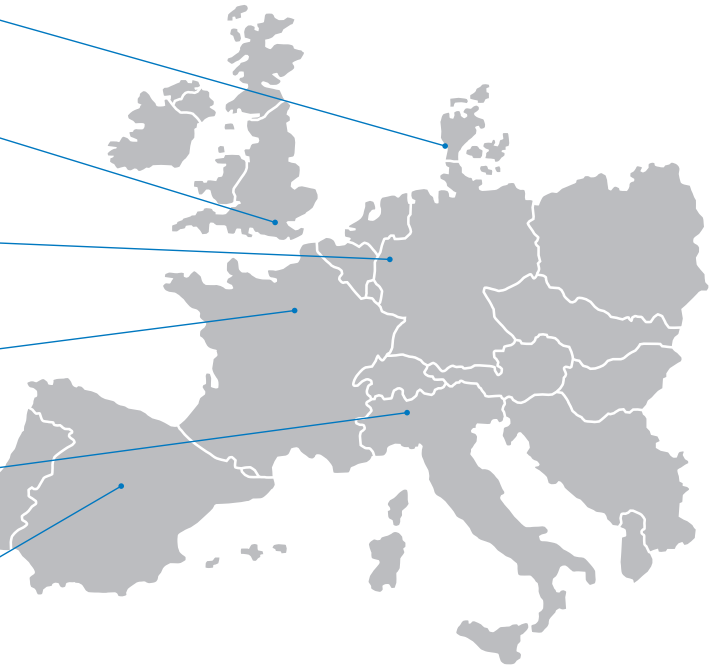
UNITED KINGDOM
London/Cardiff

GERMANY
Ratingen

FRANCE
Paris/Guyancourt

ITALY
Agrate Brianza

SPAIN
Madrid



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