EMTELLE

RTRYVA™
INDOOR

RETRACTABLE PRE-INSTALLED FIBRE SOLUTION

8 FIBRE DROPS IN ONE SMALL 6MM CABLE

8 x faster and easier installation - saves time and money

No blowing - No splicing - No connectorisation within the route

MADE IN BRITAIN®

Class $B2_{ca}$ CPR rated - an application safe for ALL buildings

GLOBAL MANUFACTURER OF PRE-CONNECTORISED, BLOWN FIBRE CABLE & DUCTED NETWORK SOLUTIONS

RETRACTABLE PRE-INSTALLED FIBRE SOLUTION

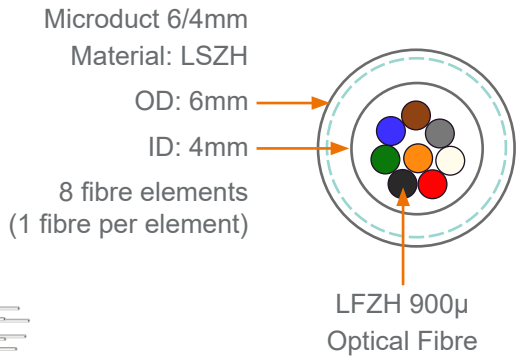
RTRYVA™ INDOOR

The new 6mm RTRYVA™ Indoor is our smallest retractable pre-installed fibre solution - 8 fibre drops in one discreet cable. 8 x faster and easier installation will save you time and money, no blowing, no splicing, no connectorisation within the cables route.

It's our most flexible and discreet multi-drop solution that is quick and easy, using a minimal amount of tools, training, and equipment needed for a fast horizontal or vertical (in risers) installation within buildings (e.g. Multi-Dwelling Units).

This Low Fire Hazard (LFH) Cable is independently CPR tested and approved, rated as B2ca - an indoor cable safe for ALL buildings regulations.

- Mechanical Performance in accordance to IEC 60794.
- Optical Fibre ITU-T G.657.A2 bend insensitive compliant.
- B2ca-s1a,d0,a1 classification in accordance with BS EN 13501-6:2014.



RTRYVA BENEFITS

6/4 8F LFH RTRYVA
Product Code: 91415

- 1 cable route rather than 8 - access and re-direct the 8 fibres with window cuts from this one RTRYVA™ cable.
- 8 x faster to install compared with other indoor cable systems*.
- Improve indoor homes passed and homes connected commercials - saving time and cost.
- Fibres can be pulled back by as much as 30 metres (route dependent).
- Branch fibres to homes/rooms with no additional splicing or power loss.
- No fibre blowing equipment needed - fibres can be quickly installed to homes by pushing by hand or pulling them in with a drawstring.
- The 8 colour coded fibres are easy to identify and plan for operators.
- Minimal deployment training required.
- Use the same tool and accessories for all applications.
- The thin white 6mm cable diameter helps keep it more inconspicuous, ideal when installed along walls in hallways and corridors.
- Made with G.657.A2 fibres for a tighter minimum bend radius compared to G.657.A1, ideal for using in tight spaces like buildings.
- Top Performance cable and allowed to be installed into buildings with high fire resistance requirements.

Click or scan the QR-code to view the RTRYVA™ indoor Datasheet.

RTRYVA™ INDOOR VALUE PROPOSITION

EMTELLE

SAVE TIME, MATERIAL COSTS AND SPACE - 1 CABLE ROUTE RATHER THAN 8

NO BLOWING REQUIRED

PULL & PUSH FIBRES BY HAND

SOLUTION EXAMPLE: MULTI-DWELLING UNIT

EMTELLE RTRYVA SOLUTION
1 cable route - 8 fibre drops

THE OTHER CABLE SYSTEMS AVAILABLE
8 cable routes - 8 fibre drops

* **An indoor fibre cable infrastructure installation is usually done in 2 stages:**

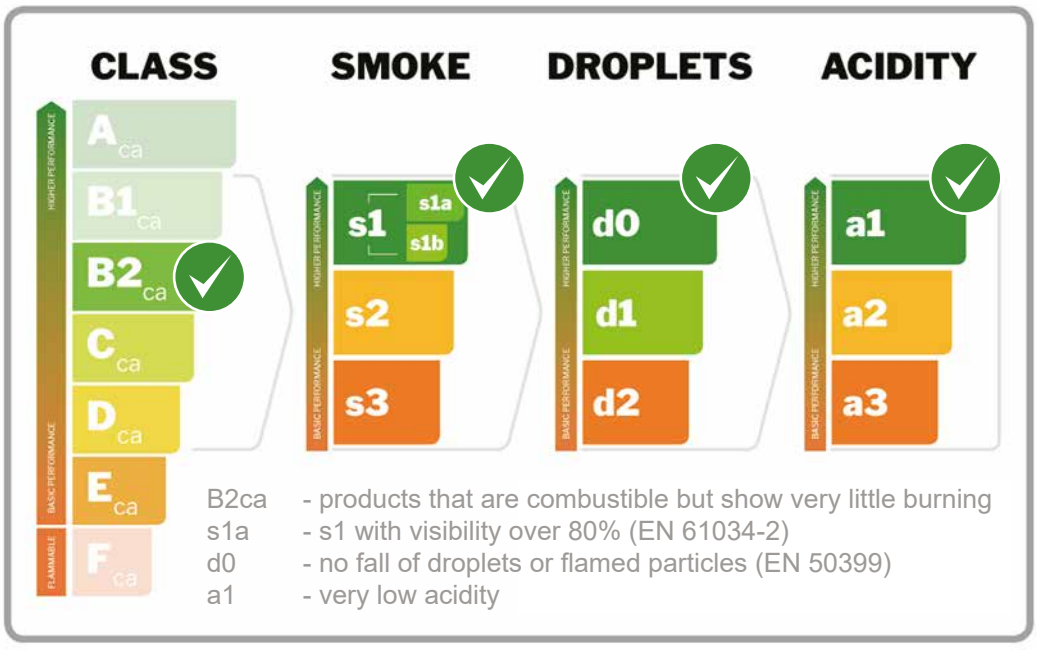
1. **Homes passed stage** - done by a skilled network engineer with cable splicing equipment at multiple points in the network.
2. **Homes connected stage** - in most cases cable routing and customer connection.

RTRYVA™ eliminates the extra 8 splice points and all the extra cables and preparation needed within the route between the cabinet and each customer fibre drop. (stage 1) – 8 x faster. Then, using only 8 window cuts in one small RTRYVA™ Indoor 6mm cable, and 16 Break-Out / Bend Managers (inside & outside wall of each fibre drop) are all that is required within the normal cable route, then the customer termination/connection at the end of each fibre element (stage 2) – again, 8 x faster.

LFH

LOW FIRE HAZARD MICRODUCT
Suitable for indoor fire regulation use and giving excellent performance in a fire scenario.
LFH microducts are manufactured to meet IEC 60332-3 and IEC 60332-1 standards.

INDEPENDENTLY CPR TESTED & APPROVED - RATED B2ca-s1a,d0,a1



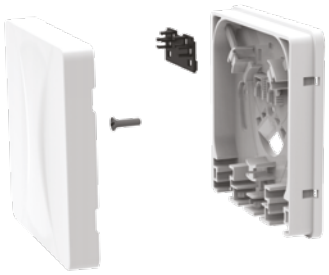
B2ca	- products that are combustible but show very little burning
s1a	- s1 with visibility over 80% (EN 61034-2)
d0	- no fall of droplets or flamed particles (EN 50399)
a1	- very low acidity

AN INDOOR CABLE SAFE FOR ALL BUILDING REGULATIONS

MADE IN BRITAIN®

CUSTOMER CONNECTION BOX SC/APC PIGTAIL

Product Code: 76581



This wall mounted outlet enables a fibre optic cable termination point within the home. It can accommodate two fibre adaptors, either SC simplex or LC Duplex. Flange or flangeless adaptors can be housed, either recessed or protruding from the faceplate as required.

- Maximum capacity 2x SC simplex connectors or 2x LC duplex connectors.
- Installed directly on the wall or onto a flush-mount back box.
- Cable entry at the base of the unit or through the rear.
- Recessed base use with adhesive or hot glue.
- Can accommodate up to 4 fusion splice protectors (up to 45mm 2x double stack).
- Tamper-proof latches.
- Customer logo injected at the cover.

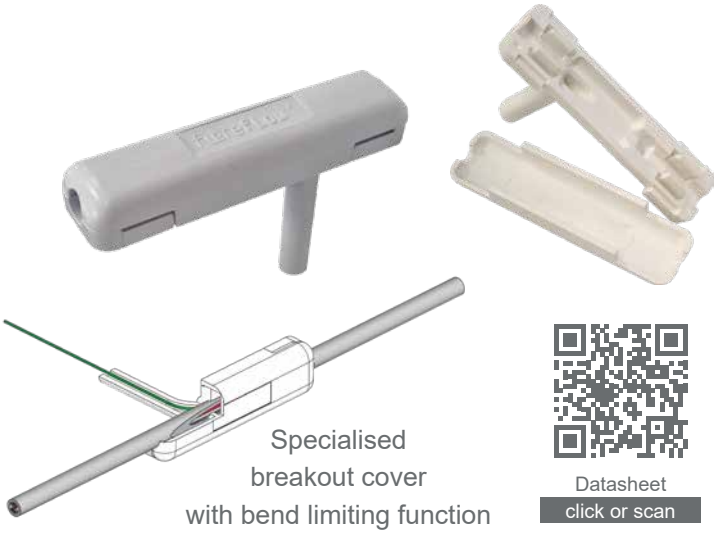
Datasheet
click or scan

6MM RTRYVA BREAK-OUT BEND MANAGER

Indoor Low Fire Hazard Closure

Product Code: 76645

Discrete protective wall mountable closure for Emtelle 6mm LFH RTRYVA pull back / retrievable cable system. The closure can support a 60mm window cut with built in fibre bend management. The closure features a 35mm lead-in tube to guide the optical fibre through the apartment wall. With dual functionality product also doubles as the lead-in bend manager.



Specialised
breakout cover
with bend limiting function

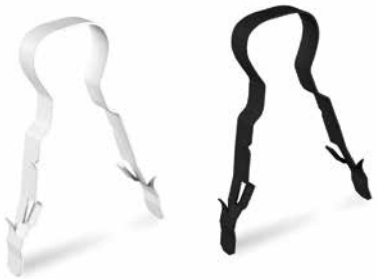
Datasheet
click or scan

SINGLE COMPONENT FIRE RATED CABLE FIXING

LINIAN
FASTER. SAFER. SIMPLER.

FIRECLIP™
4-6MM WHITE

Product Code: 76489
(100 clips per box)



Fast and easy to install.
No need for plugs, screws and washers, just drill your hole, slide the clip over the cable, and push it into the wall.

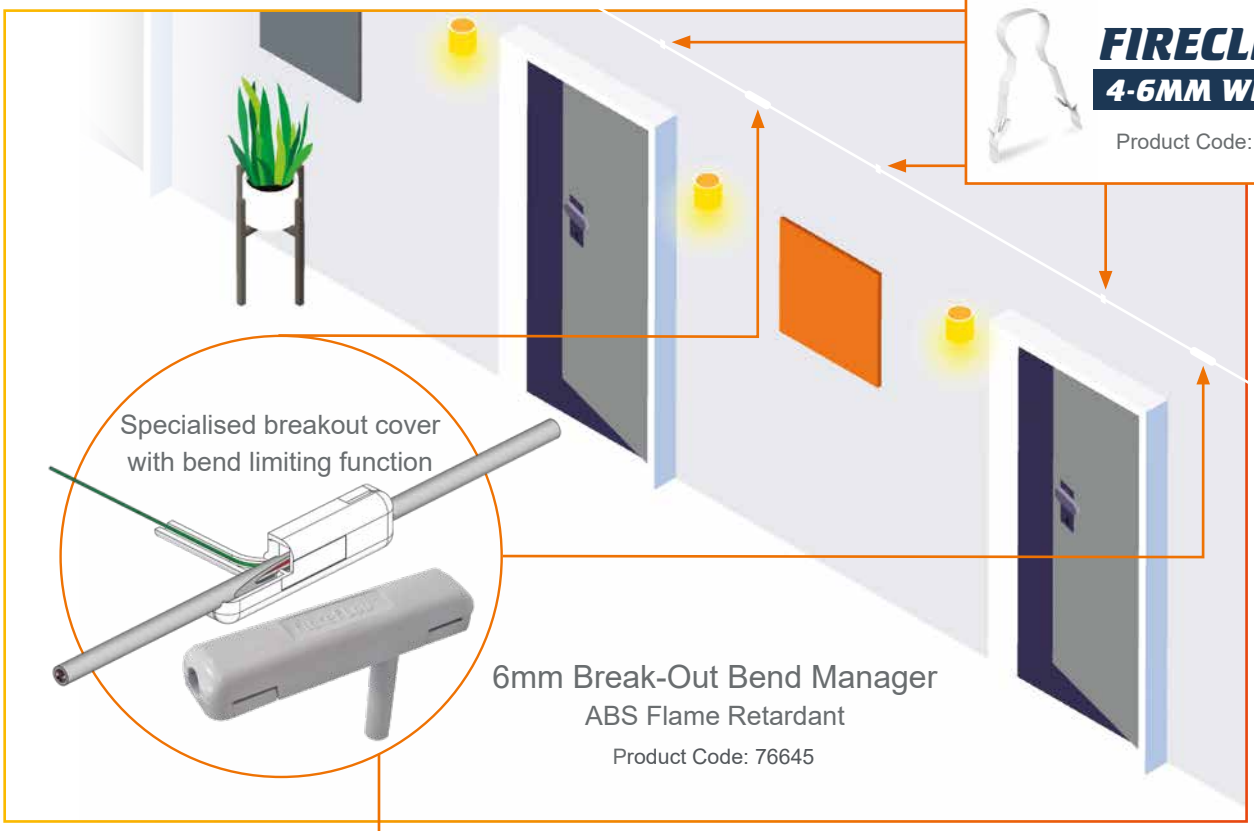
British Standards:
– BS7671: Amendment 3
– BS7671: 18th Edition 2018
– BSEN50200 PH120– BS8519: 2010

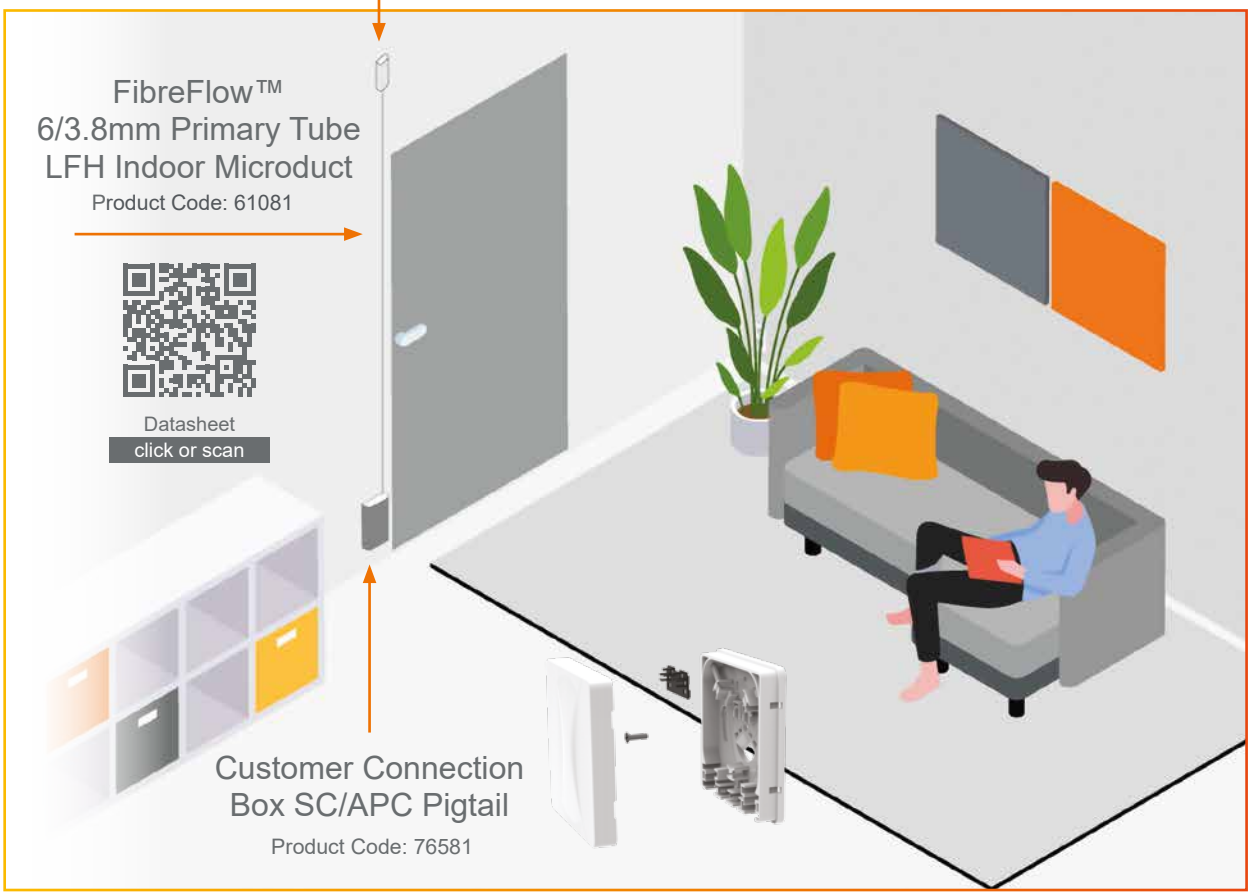
European Standards:
– DIN 4102-12 E90

- Safe tensile working load of up to 24kg.
- Various sizes available 4-6mm, 6-8mm, 9-11mm & 11-14mm.
- 4 colours available, White, Black, Cream & Brown.
- For single or double cable applications.
- 70% quicker to install than traditional methods.
- 90 & 120 minute fire resistant, meeting BSi and DIN classifications.
- >1200 degrees celsius melting point.
- Corrosion resistant and UV stable - for indoor and outdoor use.
- Salt spray tested to 1,000 hours.

Datasheet
click or scan

HALLWAY IN AN APARTMENT





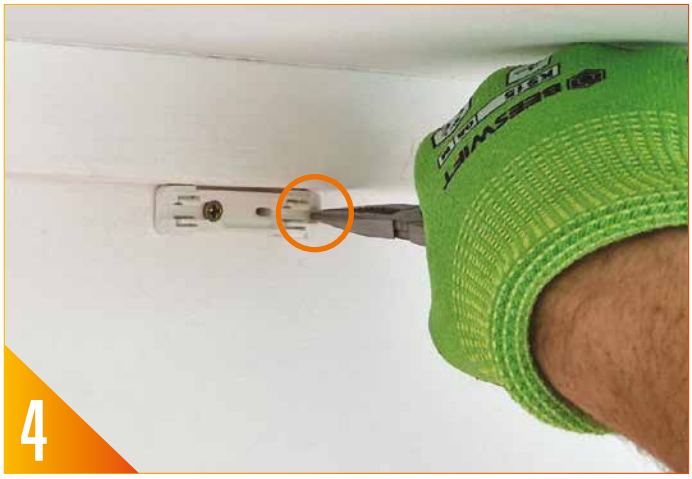
CUSTOMER CONNECTION

RTRYVA™ INDOOR INSTALLATION GUIDE

Mark out 300mm lengths
between each required FireClip.

Drill the required holes for all FireClips and push clips over the RTRYVA cable to fix into place.

Using the Break-Out Bend Manager, mark out and drill the passage for the fibre drop to the other side of the wall.



Place and fix to the wall with a screw and if the cable is continuing its route for more fibre drops, remove the end cap to allow the cable to pass through.

Place the cable within the Break-Out Bend Manager and mark start and end points for a window cut.

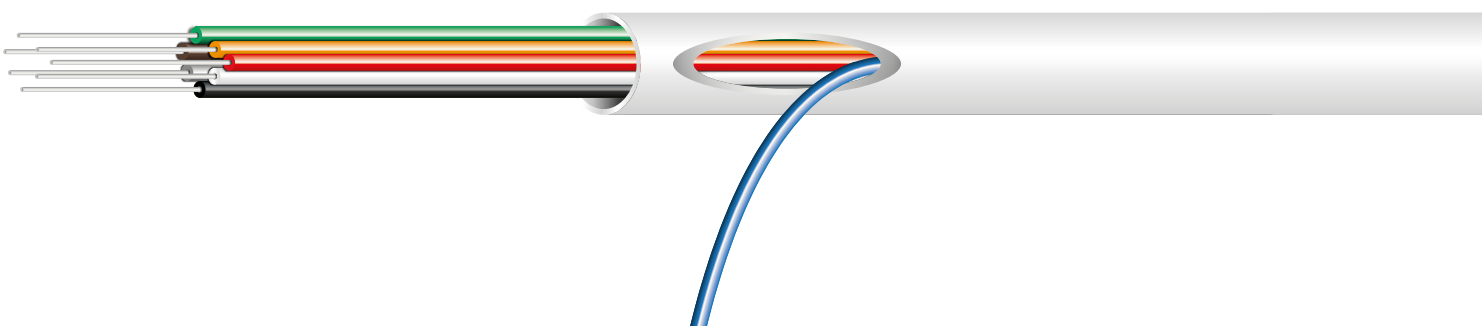
Remove from the Break-Out Bend Manager and use a window cutting tool to access the fibres.

Place the cable back into the Break-Out Bend Manager, now the fibre can be selected and pulled back.

Once the fibre has been retracted, start pushing it through the drop tube to the other side of the wall into another Break-Out Bend Manager.

When complete, push on the cover for the Break-Out Bend Manager until it clicks into place.

Click or scan the QR-code and watch the RTRYVA™ video on YouTube.



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