LAST MILE CONNECTIVITY

Product Catalogue

prysmian

Last mile connectivity

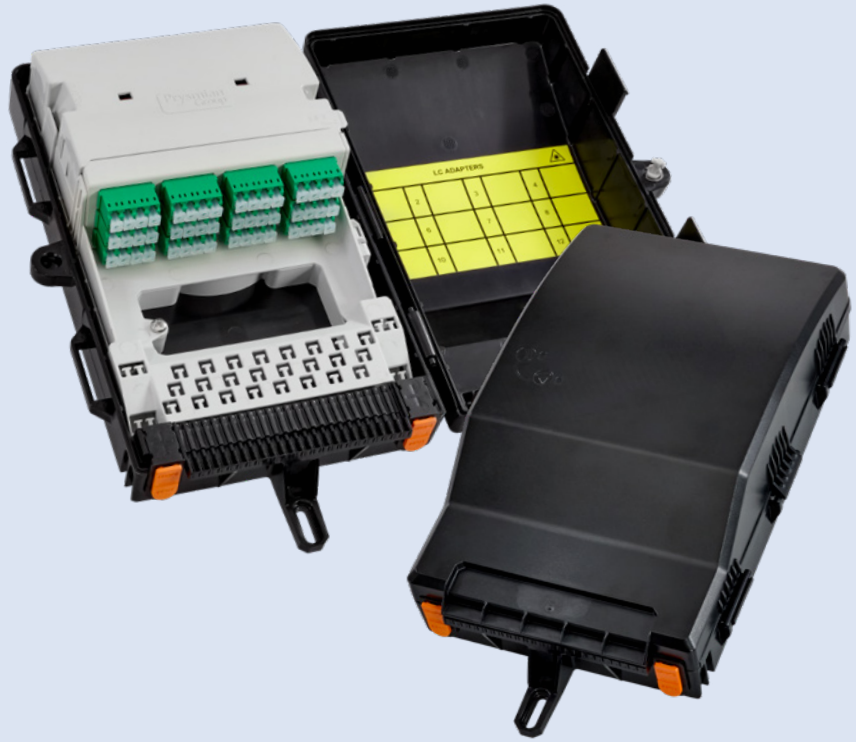
As a world leader in the telecommunications industry, Prysmian is committed to developing outstanding connectivity solutions capable of managing networks that meet and exceed the demands of today and tomorrow. Our extensive and versatile range of optical connectivity products is designed and assembled in the UK and has made us a Centre of Excellence for connectivity.

Our range includes multiple solutions that cater specifically for last mile connections, from the network to the customer premises, getting everyone connected everywhere.

Network Deployments Daisy Chain | Splice Through | Branch

Aerial Casalink Drop Closure (ACDC)

The ACDC is a compact and discreet closure designed for overhead connections from the pole or wall to the customer. The closure is supplied with pre-installed drop cable seals and has lockable sections to prevent unauthorised access. The ACDC is suitable for daisy chain, splice through and branch installations.



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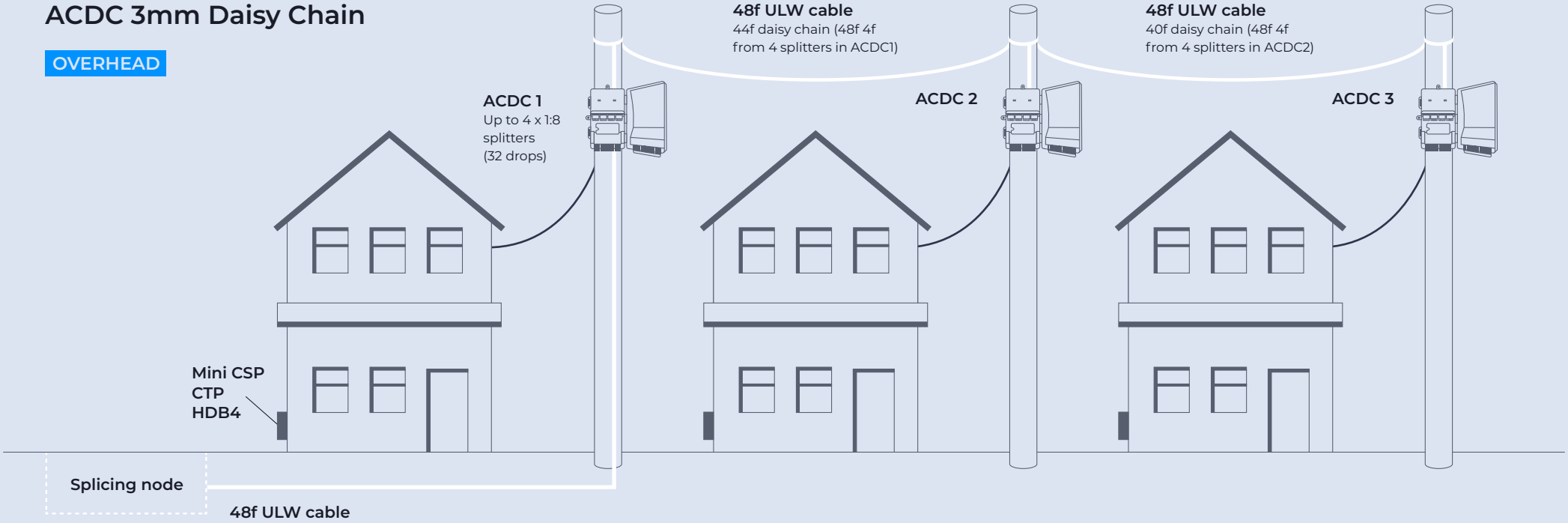
Disclaimer: The following illustrations are examples and are not exhaustive of the Prysmian products range.

ACDC 3mm Daisy Chain

OVERHEAD



Drop Connectivity

Aerial Casalink Drop Closure (ACDC)

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Preconnectorised 3mm Drop Cable

→ Page 19

Customer Premises

For splicing

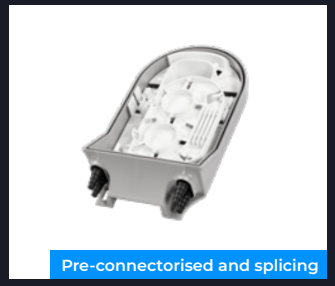
Mini Customer Splice Point (Mini CSP)

→ Page 23

Preconnectorised both ends

Customer Termination Point (CTP)

→ Page 23



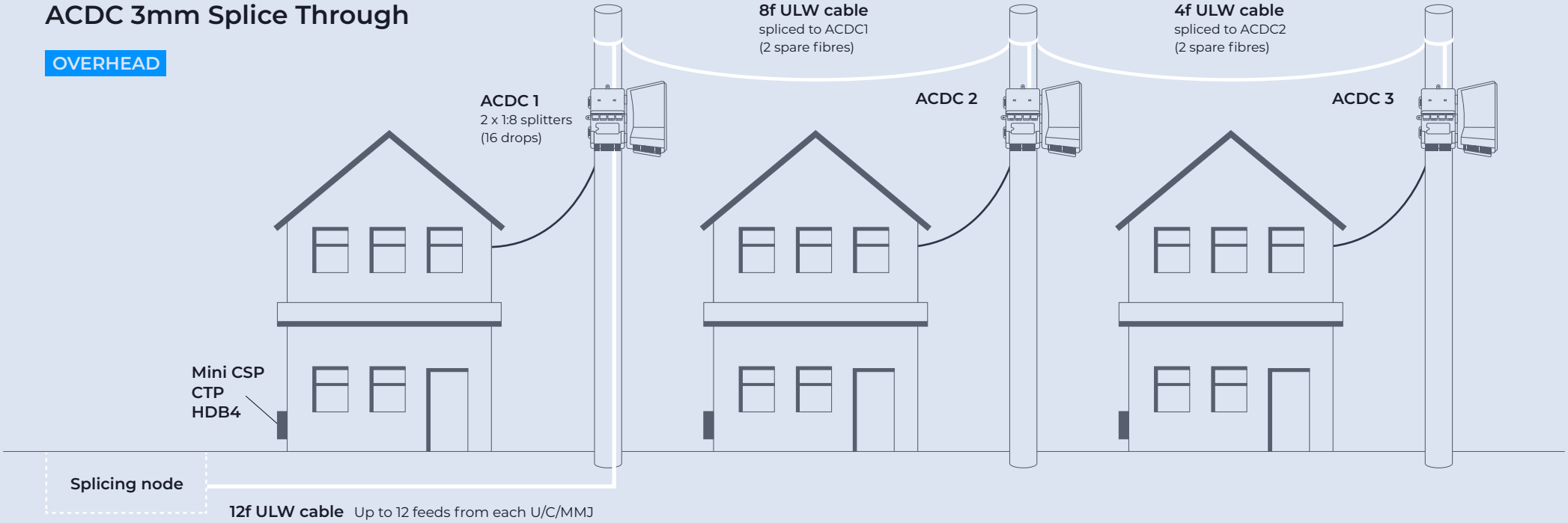
Pre-connectorised and splicing

Hybrid Drop Box (HDB4)

→ Page 24

ACDC 3mm Splice Through

OVERHEAD



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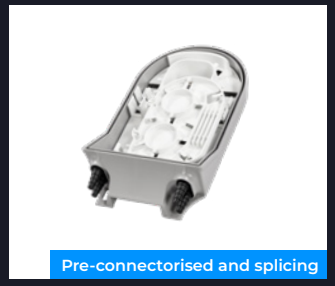


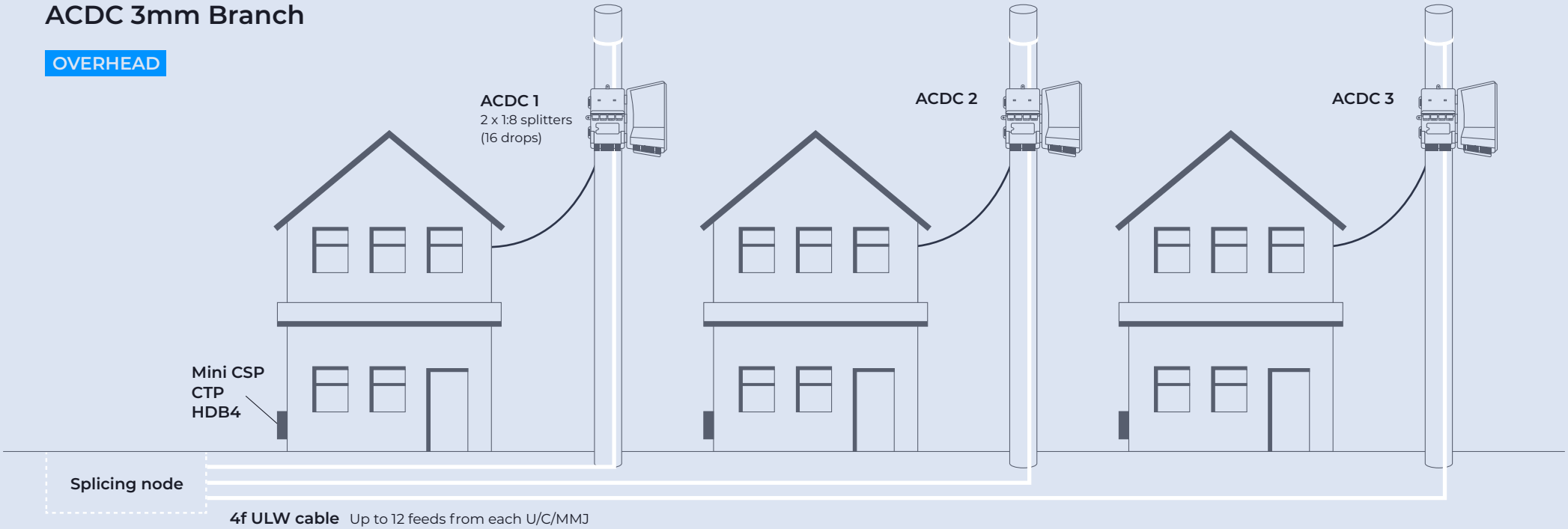
Pre-connectorised and splicing

Hybrid Drop Box (HDB4)

→ Page 24

ACDC 3mm Branch

OVERHEAD



Drop Connectivity

Aerial Casalink Drop Closure (ACDC)

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Preconnectorised 3mm Drop Cable

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Customer Premises

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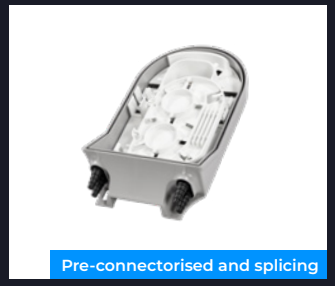

Pre-connectorised and splicing

Hybrid Drop Box (HDB4)

→ Page 24

Network Deployments Overhead | Underground

Preco xMJ

The Pre-connectorised xMJ closure range (UMJ/CMJ/MMJ) is specially designed for the splicing and patching of optical cables. The joint is supplied for up to 16 drops (UMJ), 24 drops (CMJ) and 48 drops (MMJ). The combination of capacity and compact size makes this joint ideal for use as a final drop solution in either overhead or underground installations.

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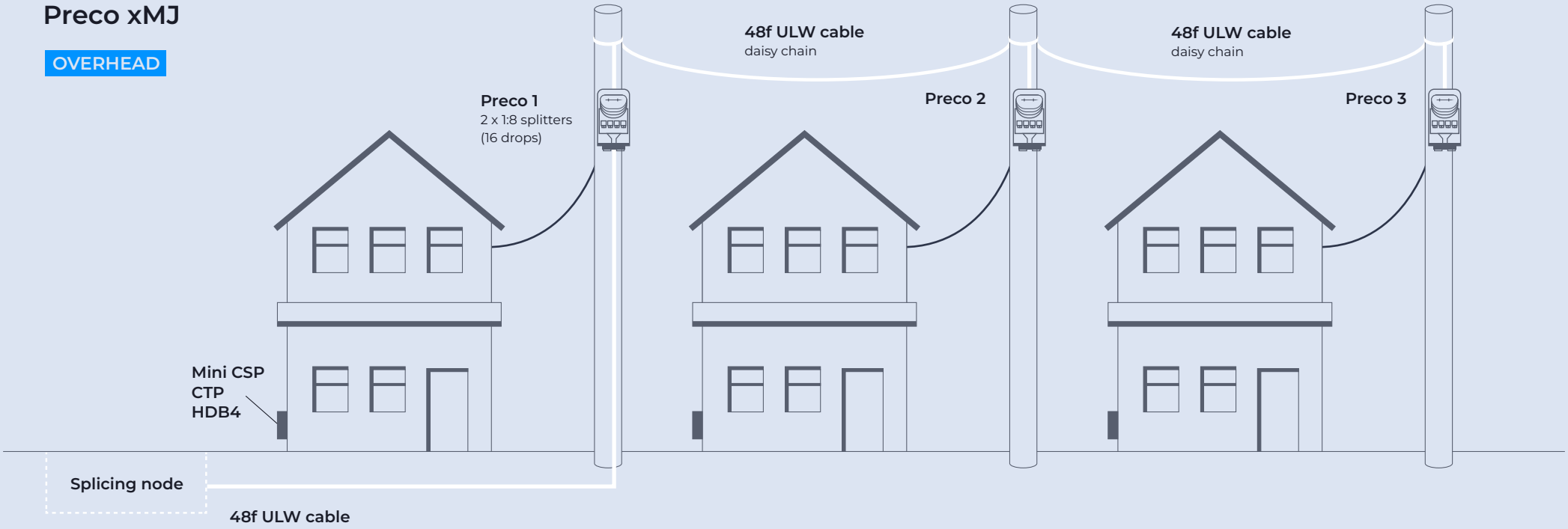
Preco xMJ

OVERHEAD



Drop Connectivity

Preco xMJ

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Preconnectorised 3mm Drop Cable

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Flat CTB compatible

Preconnectorised UDS1 5mm Drop Cable

→ Page 19

Customer Premises

For splicing

Mini Customer Splice Point (Mini CSP)

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Preconnectorised both ends

Customer Termination Point (CTP)

→ Page 23

Pre-connectorised and splicing

Hybrid Drop Box (HDB4)

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Internal only

Pre-terminated Flat Compact Termination Box (Flat CTB)

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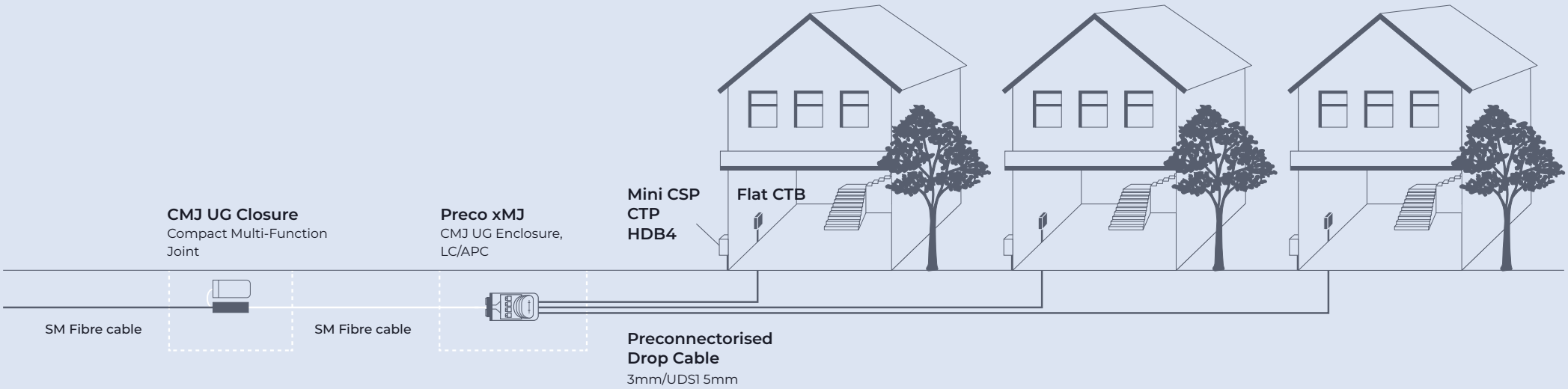
Preco xMJ

UNDERGROUND



Drop Connectivity

Preco xMJ

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Preconnectorised 3mm Drop Cable

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Flat CTB compatible

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Customer Premises

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Customer Termination Point (CTP)

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Pre-connectorised and splicing

Hybrid Drop Box (HDB4)

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Internal only

Pre-terminated Flat Compact Termination Box (Flat CTB)

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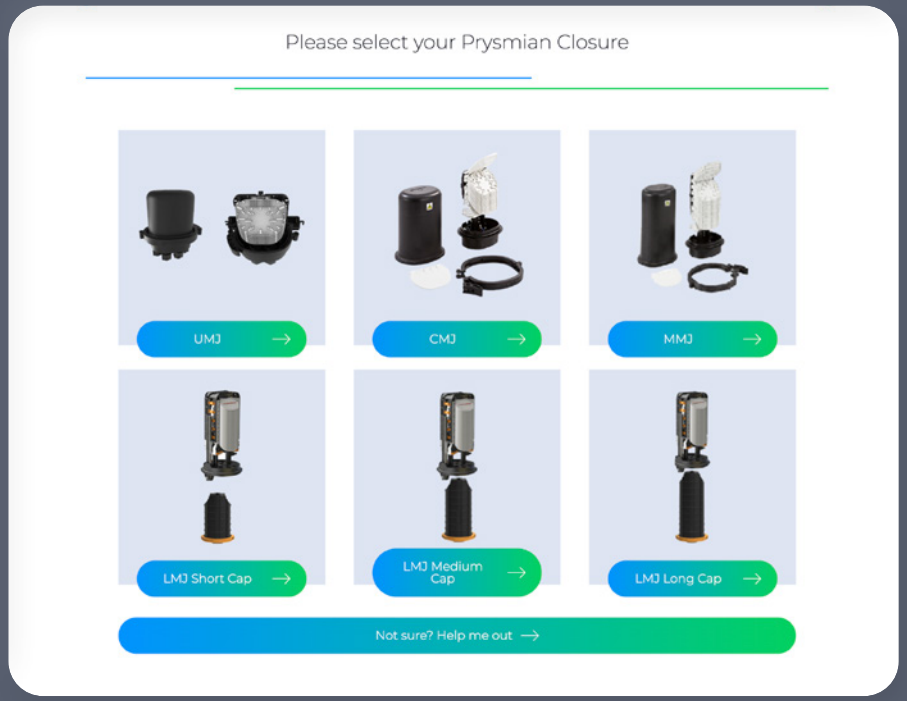
Prysmian Connectivity Selector Tool

Take the guesswork out of choosing connectivity products with the Prysmian Connectivity Selector Tool. Designed to save you time and effort, the convenient web tool calculates and recommends the correct closure based on your individual requirements.

The easy-to-use tool helps you to configure the right components and accessories to customise your fibre closure. With just a few clicks, you will find the right product for your fibre optic installation, and you can even request a quote from our sales team.



Search | Proceed

Scan the QR code to start your calculations

uk.prysmian.com/connectivity_tool

CasaLink Block Terminal (CBT)

Designed for quick and easy installations, the CBT is a pre-connectorised closure developed for use in external environments with an IP rating of IP68. The CBT closure can be supplied with splitters or a feeder cable and is suitable for overhead or underground installations. The drop ports can be oriented upwards or downwards on the pole, and a separate mounting bracket is supplied to make overhead installations easier. The CBT closure is suitable for branch and MPO daisy chain installations.

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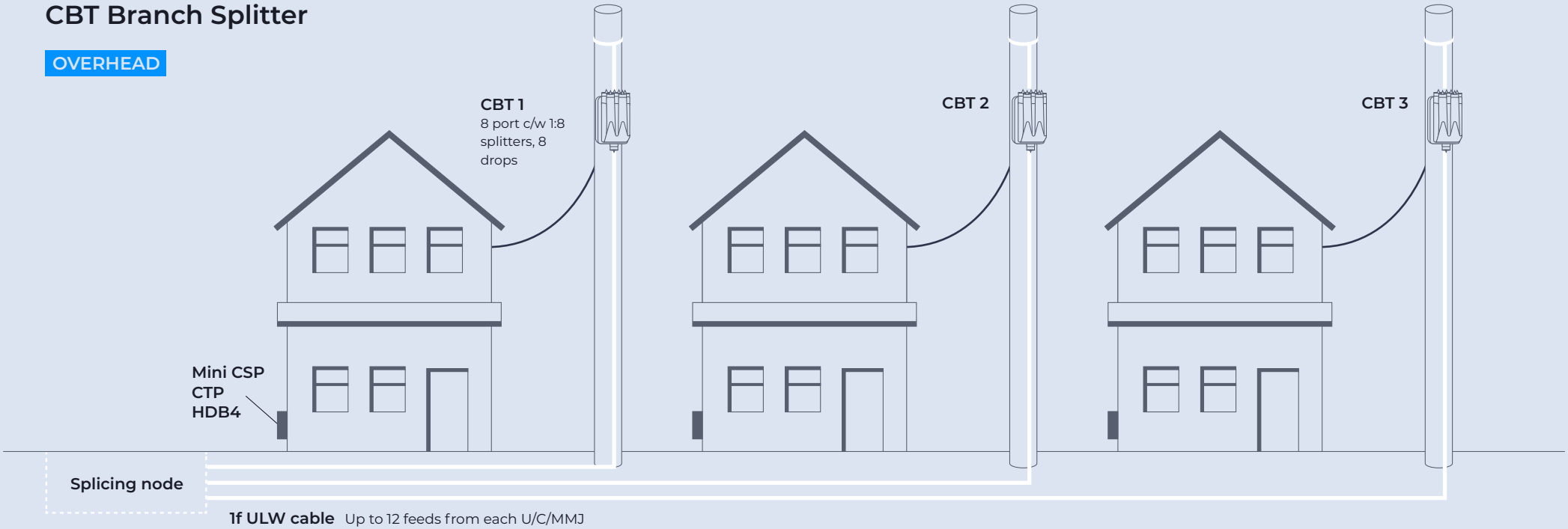
CBT Branch Splitter

OVERHEAD



Drop Connectivity

CasaLink Block Terminal (CBT)

→ Page 16

CBT Ultra Lightweight Drop Cable

→ Page 20

Customer Premises

For splicing

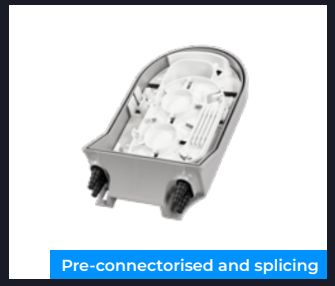
Mini Customer Splice Point (Mini CSP)

→ Page 23

Preconnectorised both ends

Customer Termination Point (CTP)

→ Page 23



Pre-connectorised and splicing

Hybrid Drop Box (HDB4)

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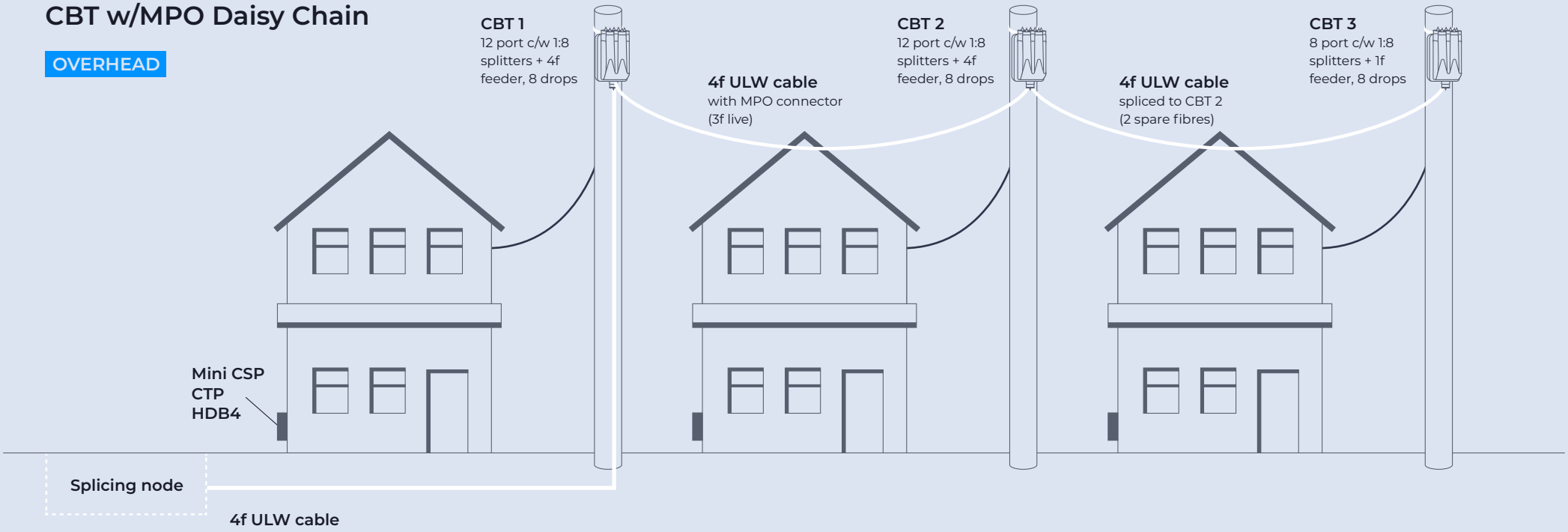
CBT w/MPO Daisy Chain

OVERHEAD



Drop Connectivity

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CBT Ultra Lightweight Drop Cable

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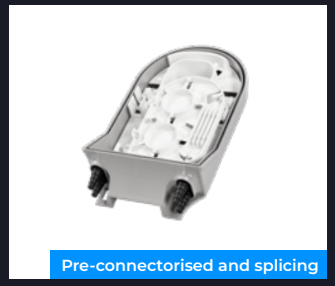

Pre-connectorised and splicing

Hybrid Drop Box (HDB4)

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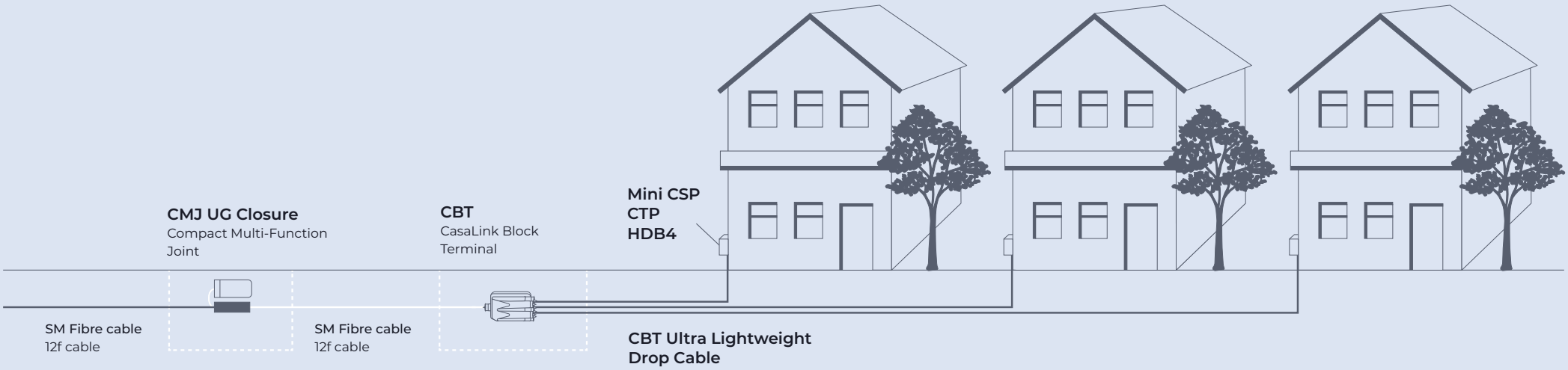
CBT w/Feeder & MOBRA Mounting

UNDERGROUND



Drop Connectivity

CasaLink Block Terminal (CBT)

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CBT Ultra Lightweight Drop Cable

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Customer Premises

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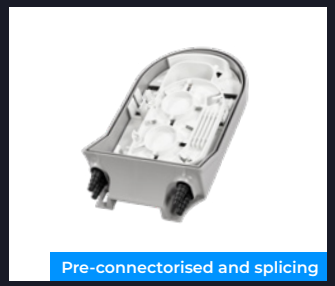


Pre-connectorised and splicing

Hybrid Drop Box (HDB4)

→ Page 24

Product Ranges

Drop Connectivity

Prysmian offers a range of versatile and compact products specifically designed to connect fibre from the access network to the customer. Our drop connectivity solutions are suitable for overhead or underground installations.

- Aerial Casalink Drop Closure
- Preco xMJ (UMJ/CMJ/MMJ)
- CasaLink Block Terminal
- Compact CasaLink Block Terminal

Scan the QR code
for more information

Aerial Casalink Drop Closure (ACDC)

A compact and discreet closure specially designed for secure and seamless aerial customer drop installations. Supplied with knockout ports for drop cables and connectors, splitters or pigtails, the closure allows for easy installation and maintenance.

The ACDC closure can be pole or wall mounted, and its robust construction means it can withstand weather and environmental challenges.

→ **Customer connection cables**
32 (24) x 3mm LC (SC)
16 (16) x 5mm LC (SC)

→ **Splice capacity**
48

1:4 splitter 1:8 splitter 1:16 splitter

OH

IP 55

Scan the QR code
for more information

Preco xMJ (UMJ/CMJ/MMJ)

The Preconnectorised xMJ closure range (UMJ/CMJ/MMJ) is the ideal solution for connecting customers to the network overhead or underground.

The connectorised pigtails or splitters are factory fitted and each tray can accommodate up to 12 spliced fibres.

Ultra Compact Multi-Function Joint

→ **Maximum capacity**
4 single element trays 48 fibres
(accommodate 12 splices)

→ **Drop cable capacity**
8SC/16LC

Compact Multifunction Joint

→ **Maximum capacity**
3 single element trays 36 fibres
(accommodate 12 splices)

→ **Drop cable capacity**
12SC / 24LC

Medium Multi-function Joint

→ **Maximum capacity**
6 single element trays 72 fibres
(accommodate 12 splices)

→ **Drop cable capacity**
24SC / 48LC

1:4 splitter 1:8 splitter 1:16 splitter

OH/UG

IP 68

Scan the QR code for more information

CasaLink Block Terminal (CBT)

The CBT is a pre-connectorised closure designed for use in external environments with a compact design that simplifies installation and maintenance.

The closure can be supplied with up to 350m of cable pre-installed into the box terminated onto SC/AC adapters. Alternatively, the CBT can be supplied with splitters installed.

→ **Available in sizes**
4, 8 and 12 drops

→ **Max capacity (fibres)**
12

→ **Max number of drop cables**
12

OH/UG IP 68

Scan the QR code for more information

Compact CasaLink Block Terminal (Compact CBT)

This pre-connectorised, ultra small closure features an extremely compact design and has all the benefits of the standard CBT. It is ideal for installation inside hollow poles.

The Compact CBT can be supplied with various lengths of cable pre-installed into the box terminated on to SC adapters. Alternatively, the compact CBT can be supplied with a 1:4 or 1:8 splitter installed.

→ **Max capacity (fibres)**
12

→ **Max number of drop cables**
12

OH/UG IP 68

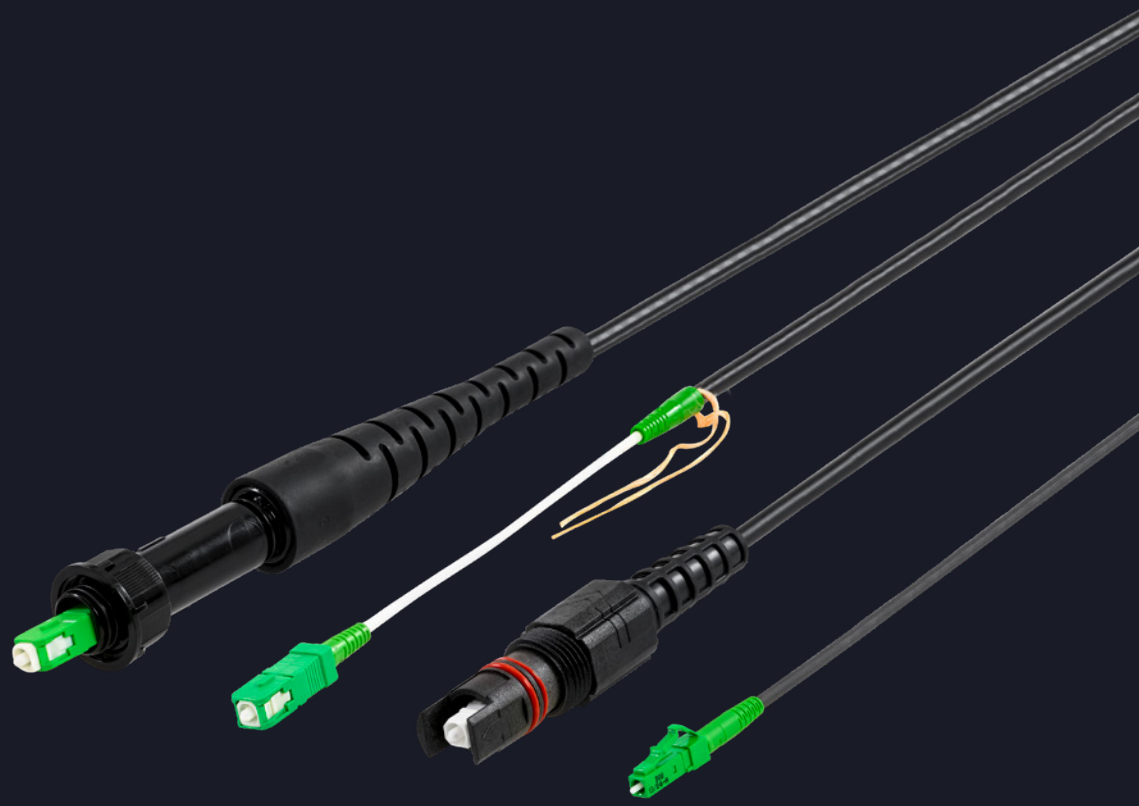
Product	Max drops / connectors	Drop cable compatibility	Splitters	Input cable	Splice capacity	UG / OH
Aerial Casalink Drop Closure	32LC 16SC 16LC 16SC	3mm 5mm	Up to 4x 1:8 2x 1:16	ULW / Any	48	OH
Preco xMJ	UMJ 8SC 16LC CMJ 12SC 24LC MMJ 24SC 48LC	3mm 5mm	UMJ 4 CMJ 3 MMJ 6	Any	UMJ 48 CMJ 36 MMJ 72	UG & OH
CasaLink Block Terminal	4SC 8SC 12SC	CBT ULW 6mm	Up to 1:12 balanced / unbalanced	ULW / Drop	1 (factory fitted)	UG & OH

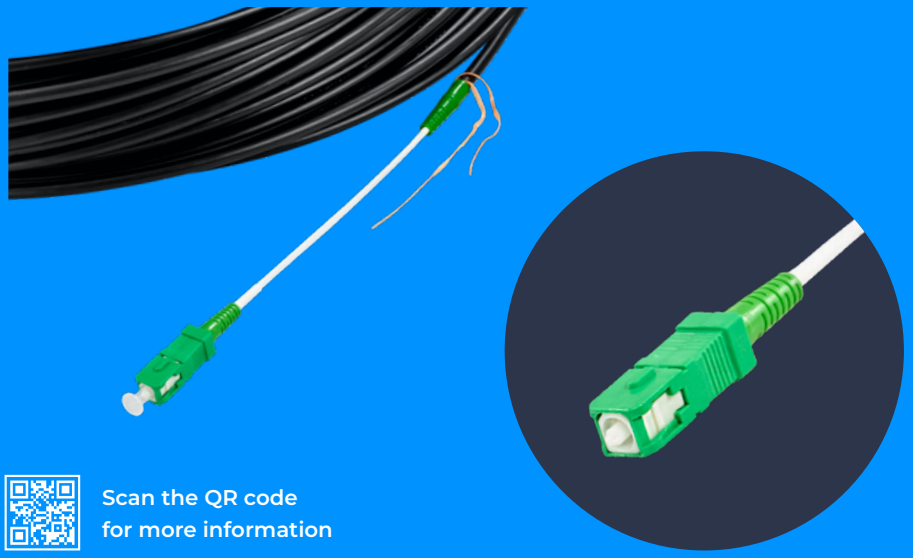
Product Ranges

Drop Cables

Drop cables play an important role in the FTTH network, linking the drop connectivity products to the customer premises. We have a range of drop cables to suit every scenario.

- Pre-connectorised UDS1 5mm Drop Cable
- Pre-connectorised 3mm Drop Cable
- CBT Ultra Lightweight Drop Cable





Scan the QR code for more information

Preconnectorised UDS1 5mm Drop Cable

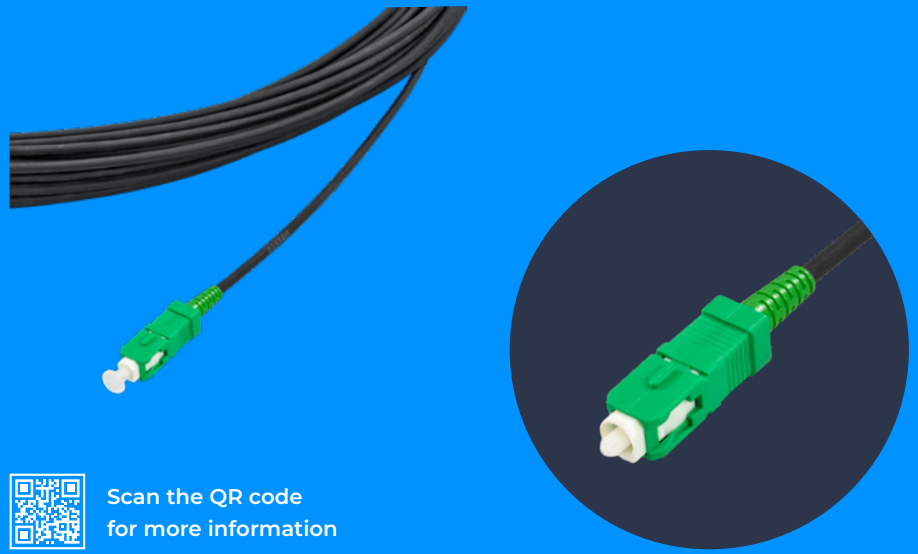
The pre-connectorised UDS1 Drop Cable can be used indoors and outdoors and is suitable for overhead and underground use. It is specially designed to allow minimal effort during installation.

The external sheath can be removed easily to reveal a white inner low smoke sheath for internal use. The UDS1 can be supplied in various lengths and can be terminated at a single end or at both ends.

→ Maximum break load
< 2000N

→ Available in a range of lengths
10m to 200m

PIA ready



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Pre-connectorised 3mm Drop Cable

Suitable for overhead and underground applications, the pre-connectorised 3mm indoor/outdoor drop cable is ideal for situations where a discreet cable is needed.

It can be terminated at a single end or at both ends and is PIA ready.

→ Maximum break load
< 2000N

→ Available in a range of lengths
10m to 200m

PIA ready

Scan the QR code for more information

CBT Ultra Lightweight Drop Cable

CasaLink Block Terminal (ULW) Drop Cable has been developed specially for the CBT system. The terminated end is secured in the CBT box and the unterminated end is spliced at the customer premises.

The cable is suitable for overhead and underground applications. Available in a range of lengths using various cable designs to suit the local market.

→ Maximum break load
< 2000N

→ Available in a range of lengths
10m to 200m

PIA ready

Product	Diameter	Fibre type	Sheath	Termination options	Both end termination	Supply method
Pre-connectorised UDS1 5mm Drop Cable	5mm	G657.A2	Internal / external LSOH	SC, LC or OptiTap	Yes	Coiled on a cardboard ring
Pre-connectorised 3mm Drop Cable	3mm	G657.A2	External LSOH	SC, LC or OptiTap	Yes	Coiled on a cardboard ring
CBT Ultra Lightweight Drop Cable	6mm round	G657.A1	HDPE or LSOH	SC, MPO	No	Coiled on a cardboard ring or reel

Product Ranges

OptiTap Components

OptiTap Pre-connectorised 5mm Drop Cable

Designed for quicker, easier installations, our OptiTap components are the ideal solution to get homes connected faster.

Scan the QR code for more information

OptiTap Pre-connectorised 5mm Drop Cable

The pre-connectorised OptiTap drop cable is available in a range of lengths using various cable designs to suit the local market.

Either cable end can be pre-terminated with hardened or standard connectors.

→ Connector type

SC/APC
LC
MPO

→ Available in a range of lengths

30m to 500m

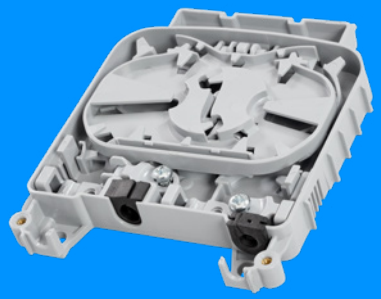
PIA ready

Product Ranges

Customer Premises Products

Our versatile range of customer premises products is designed to get homes and businesses connected faster. Whether you are looking for splice or pre-connectorised solutions, we have the products for the job.

- Customer Termination Point
- Mini Customer Splice Point
- Hybrid Drop Box
- Pre-terminated Flat Compact Termination Box



Scan the QR code for more information

Mini Customer Splice Point (mCSP)

The External Mini CSP is designed to get the customer connected fast. Its ultra compact design allows it to be installed easily and quickly.

The Mini CSP can be used in fibre-to-the-premises applications with integral splicing. It is wall mountable with a single entry position for an input cable.

→ **Max capacity (fibres)**
2

→ **Max number of drop cables**
2

→ **Max diameter of drop cables**
- Input max 6mm (round)
- 8.5x4.5mm (flat)
- Drops 4.8mm

EXTERNAL IP 55

Scan the QR code for more information

Customer Termination Point (CTP)

Designed to get the customer connected faster, the CTP can be used for fibre-to-the-premises applications and has an integral splicing area, as well as space for up to 2 SC Simplex or LC Duplex adapters.

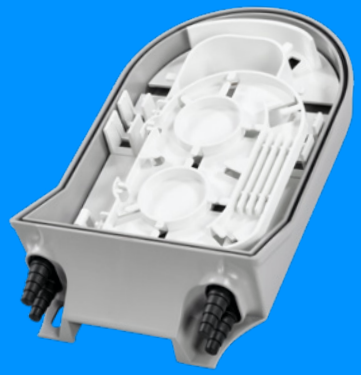
It features excess storage of up to 10m of 3mm cables and 25m of blown fibre units up to 1.25mm.

→ **Max number of connectors**
4LC
2SC

→ **Max number of drop cables**
4

→ **Diameter of cables**
- Input max 5mm

EXTERNAL IP 55



Scan the QR code for more information

Hybrid Drop Box (HDB4)

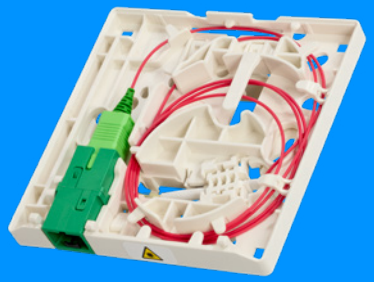
The wall mounted HDB4 is used for the splicing of up to four fibres and up to four customer drop cables. It features an additional copper storage area to accommodate a hybrid cable.

The box can be supplied as splice only, or with two duplex LC/APC adapters and four LC/APC pigtails for connectorised drops.

→ Number of cable ports
2 input, 4 output (via 2 double grommets)

→ Maximum cable diameter
3mm-7mm

EXTERNAL IP 55



Scan the QR code for more information

Pre-terminated Flat Compact Termination Box (Flat CTB)

The Flat CTB is designed for internal use in residential and business applications. Supplied with the required length of cable pre-installed in the factory, the Flat CTB eliminates the need for splicing or fitting field mount connectors in the customer premises.

With a depth of 12mm, it has a discreet and slim design. Wall fixings are supplied with the box.

→ Maximum input cable diameter
5mm

→ Number of input cable ports
1

→ Maximum Capacity
1 connector type SC and 1 splice

INTERNAL

Product	Required space envelope	Connectors	Splices	Slack storage	Colour
Mini Customer Splice Point	(h) 97 x (w) 114.5 x (d) 21 mm	-	Up to 2	No	Grey
Customer Termination Point	(h) 185 x (w) 115.5 x (d) 42 mm	SC or LC	Up to 4	Yes	Black Brown Grey
Hybrid Drop Box	(h) 190 x (w) 110 x (d) 40 mm	SC or LC	Up to 4	Yes	Grey

Put your trust in Prysmian

We are one of the world's largest producers of telecoms cables and are constantly developing innovative products that meet and exceed the evolving needs of the customer.

With over 140 years' experience in the cable industry, we have the knowledge and expertise to deliver exceptional telecom and connectivity solutions whatever the network type.

We have 30+ manufacturing facilities around the world, meaning our supply chain is unrivalled.

We offer full sales support from enquiry right through to after sales, providing great peace of mind.

Are you ready to future-proof your network? Our dedicated team are here to support you. Get in touch today.

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