

FTTx

Broadband Fibre Optic Solutions



Region

Europe, Middle East / Africa

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BELDEN BROADBAND SOLUTIONS OVERVIEW

What is Belden Broadband Solutions

Belden Broadband Solutions, a core business within Belden, Inc., is a leading manufacturer and developer of connectivity and network optimization solutions for worldwide broadband and wireless service providers. Through a commitment to ongoing growth and innovation, Belden Broadband Solutions continues to expand the offerings of its PPC and Sichert brands while adding to its worldwide, industry-leading patent portfolio.

Belden Broadband Solutions has expert product teams around the world who bolster a wealth of knowledge and experience to provide efficient and customized solutions for any customer application. With a full team of sales, technical, commercial, financial, and operational staff around the world, Belden can provide timely and efficient support to all customers in multiple languages. Belden Broadband Solutions has state-of-the-art manufacturing locations in Germany, Denmark, United Kingdom, Poland, United States, Mexico, China, India, and Tunisia, servicing customers on six continents.

The PPC Brand



PPC is a worldwide leader in the design and manufacture of connective technology used in broadband and telecommunications networks. PPC's award-winning Fibre optic solutions are utilized globally by operators to provide unparalleled performance to customers around the world. PPC continues to build on decades of innovation and to strengthen our partnership with network operators and service providers the world over.

Not only does PPC provide feasible solutions through our expansive product range, we have a comprehensive supply chain management and logistics network. Our redundancy through multiple manufacturing locations allows us to ensure our products are manufactured to global standards and can deliver quickly across Europe.

The Sichert Brand



The Sichert product portfolio spans from fully pre-assembled systems to customized solutions for

your specific network profile. Modern FTTx networks are the foundation for smart cities and Sichert offers the largest, and most flexible, range of outdoor cabinet systems to connect your Fibre optic network to the customer. Our solutions are developed to support all major connectivity solutions in the market today.

Sichert systems have enhanced steadily with the development of today's networks. Sichert offers products from active cabinets for ADSL, VDSL, vectoring and super vectoring for FTTC networks to Fibre connection cabinets for FTTH networks.



CENTRAL OFFICE / POP SOLUTIONS

Belden Broadband Solutions offers a range of innovative products for the central office / point of presence (POP). These include factory-equipped optical distribution frames (ODFs) as well as equipment frames (EQFs). Thanks to a high degree of customised pre-assembly, our products can be integrated into any network structure. Our factory-assembled racks can significantly reduce installation times compared to conventional designs.



High Density Optical Distribution Racks

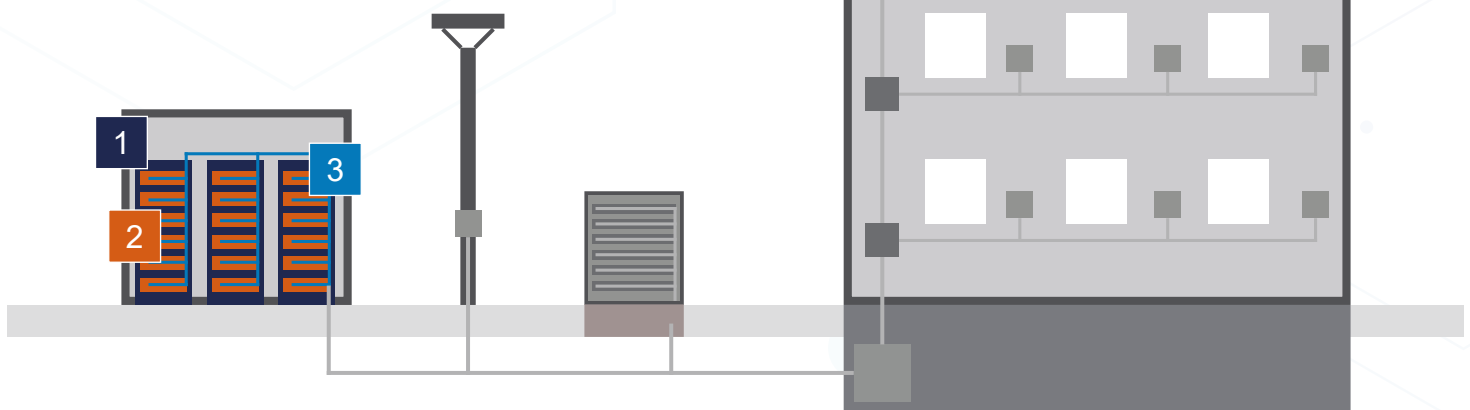
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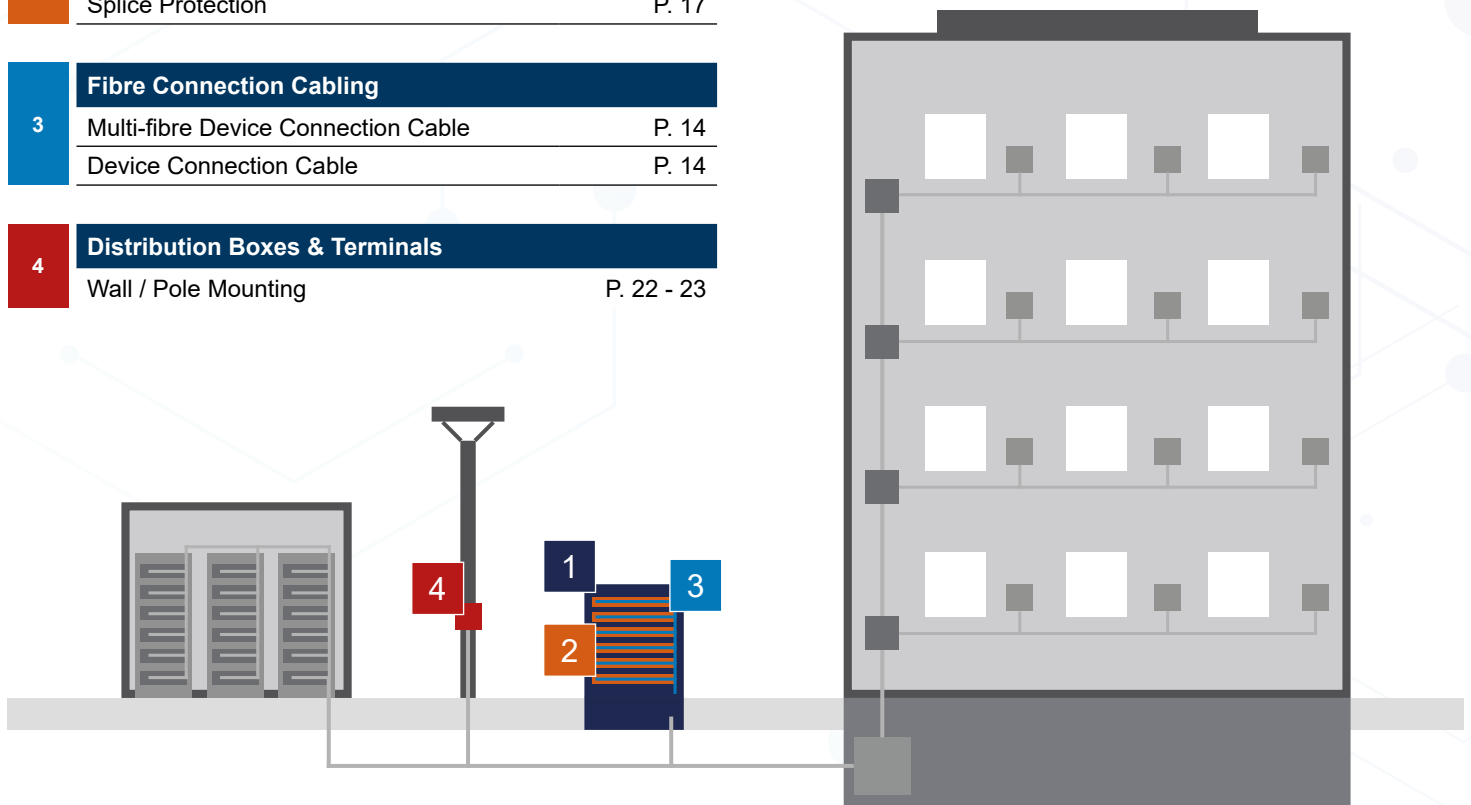


OUTSIDE PLANT SOLUTIONS

Belden Broadband Solutions offers a range of integrated street cabinets, fibre management systems and cable assemblies that satisfy the rigorous demands of the outside plant environment. Our factory-fitted cabinets can reduce installation times by as much as 60% compared to traditional designs.



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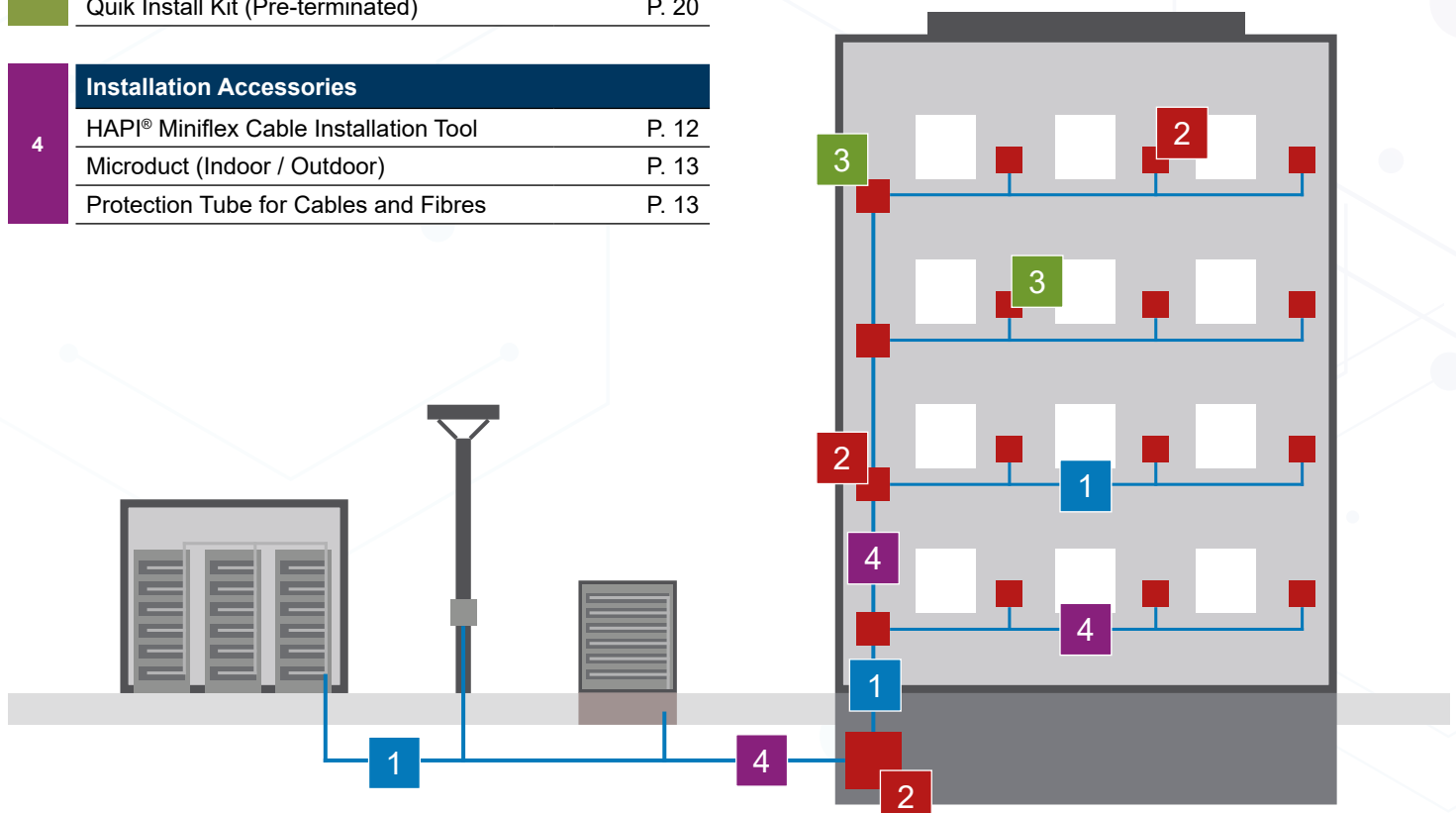


CUSTOMER PREMISES SOLUTIONS WITH SPLICE-FREE MINIFLEX® SYSTEM

Belden Broadband Solutions' plug-and-play fibre portfolio comprises microducts, cable systems and distribution boxes that speed up and simplify fibre deployment in the building. From the building entry to the fibre termination outlet, our combination of fusion-spliced and pre-terminated solutions provide operators with the flexibility and simplicity required to support different topologies and diverse building types.



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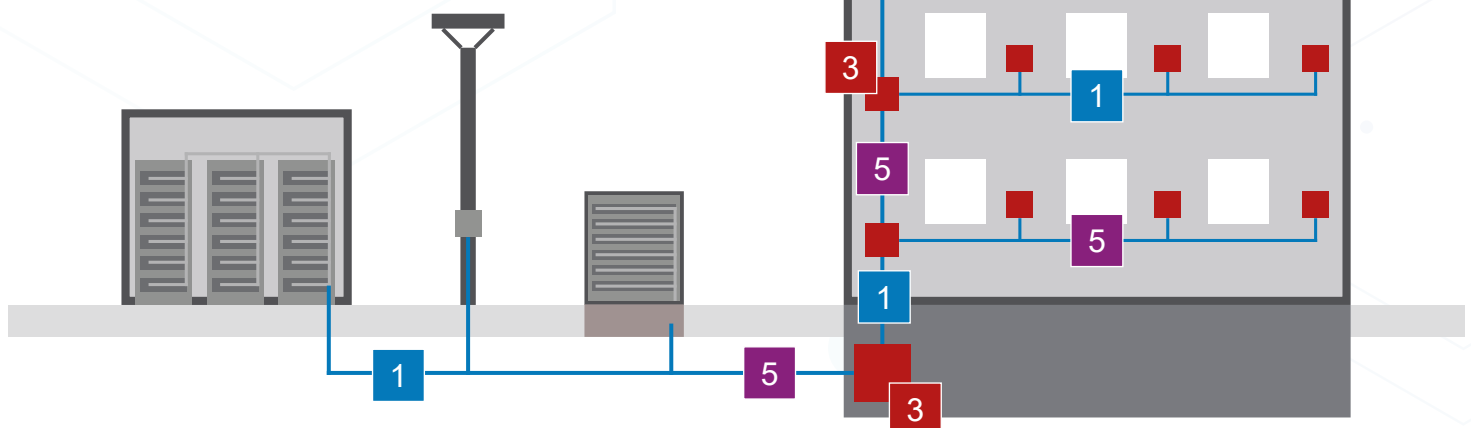


CUSTOMER PREMISES SOLUTIONS

Belden Broadband Solutions' fibre splicing portfolio consists of microducts, cable systems and distribution boxes that accelerate and simplify the deployment of fibre in the building. From the building entrance to the fibre termination box, our combination of fusion-spliced and pre-terminated solutions provides operators with the flexibility and simplicity needed to support different topologies and different building types.



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PPC QUIKPASS™ IN-HOUSE SOLUTION

Belden Broadband Solutions designed PPC QuikPass™ products to provide an aesthetically-pleasing and simplified solution for fibre-to-the-home (FTTH) applications in multi-dwelling units (MDUs). Through a range of components and options, the solution offers a versatile, cost-effective installation package to service providers of all types. The range of options includes a fully-connectorised package that eliminates the need for expensive installation equipment and highly skilled Fibre technicians.

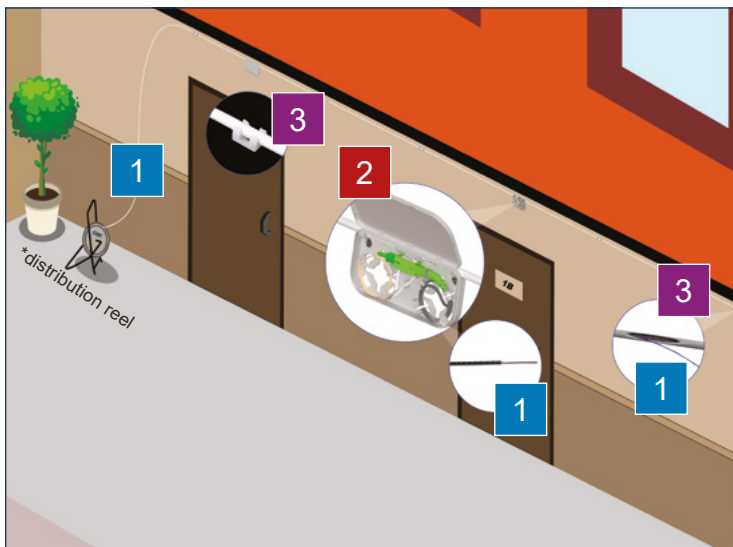


The Advantages of Versatility

The uniqueness of multi-functional residential buildings poses the main challenge of deploying fibre in MDUs. Through a variety of component options, the QuikPass solution meets the MDU challenge head-on.

As a modular FTTH solution, QuikPass products give network planners, installers, and building owners a highly flexible, customisable approach to each application. As a core component of the solution, the fibre entry box offers five connection options for maximum adaptability. The fibre entry box connects the distribution cable to the customer drop cable.

QuikPass Fibre Entry Box Options















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FIBRE CABLING



Belden Broadband Solutions' Miniflex® fibre cable is at the core of a revolutionary set of product solutions for single-dwelling unit (SDU) and multi-dwelling unit (MDU) applications. Made with a rugged polymer offering robust crush and tensile strength, the Miniflex live-hinge grooving provides incredible flexibility to pair with unmatched kink-resistance.



Miniflex® Fibre Cabling





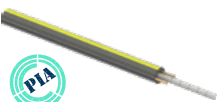

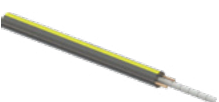





Product Photo	Product Type	Product Description	Product Page
	Miniflex® Euroclass Dca Cable	Rated Dca in accordance with EN 50575:2014+A1:2016, Miniflex® Euroclass fibre cable is considered a low fire hazard product. With low flame spread and zero droplets, it is the ideal cable solution in areas with high fire risks such as public and multi-dwelling buildings, escape routes and corridors. Miniflex cable is a rugged, ultra-flexible drop cable solution for pushing and pulling inside raceways or for fixing directly to building surfaces.	
	Indoor Mini-Distribution Euroclass B2ca & Cca Cable	Rated both B2ca and Cca (s1, d1, a1) in accordance with EN 50575:2014+A1:2016, the mini-distribution fibre cable is a low fire hazard product. With low flame spread and zero droplets, it is the ideal cable solution in areas with high fire risks such as public and multi-dwelling buildings, escape routes and corridors. The cable is a tough, flexible cable for use in risers as well as horizontal cabling and as a customer drop cable.	
	Aerial MASS Fibre Cable	The PPC self-supporting and ultra-light weight aerial cable has a loose tube or bundle design that is substantially lighter than traditional aerial fibre cables. The cable's light weight allows existing telephone poles to be used without the need for surveys, planning and remedial civil works, thereby facilitating rapid and cost-effective aerial fibre optic network deployment.	
	Miniflex® Euroclass Eca Cable	Rated Eca in accordance with EN 50575:2014+A1:2016, Miniflex® Euroclass fibre cable is considered a low fire hazard product. With low flame spread and zero droplets, it is the ideal cable solution in areas with high fire risks such as public and multi-dwelling buildings, escape routes and corridors. Miniflex cable is a rugged, ultra-flexible drop cable solution for pushing and pulling inside raceways or for fixing directly to building surfaces.	
	Aerial ADSS Fibre Cable	The PPC ADSS cable is an ultra-lightweight, all-dielectric solution for aerial fibre networks. It's lighter than traditional cables, allowing easy use of existing poles without surveys or civil works. The design ensures safe placement near high-voltage lines, and its compact size reduces wind and ice loading. The self-supporting cable uses a loose tube design with various fibre counts, minimizing strain and simplifying management.	
	Miniflex® QuikPass™ Cable	The Miniflex® PPC QuikPass™ Distribution Cable is a 12-fibre indoor cable for connecting subscribers to the network. It utilizes a tough, engineering grade polymer outer jacket to offer class-leading crush and kink resistance and is manufactured with an ultra-low friction DVC lining. It's easy to cut and extract in excess of 20 meters of fibre for field-splicing/terminating.	

Installation Cabling







Product Photo	Product Type	Product Description	Product Page
	Indoor FTTH Cable E9/125µm G.657.A2	The Easy-Pull Cable is designed for deployment inside buildings to connect the building entry point (BEP) with optical termination points (OTPs) in the living area. The easy-pull cable has a high tensile strength for pulling through microduct and is constructed from zero halogen material with a CPR rating classification of B2ca-S1,d0,a1.	

FIBRE CABLING

Fibre Cabling Pre-terminated







Product Photo	Product Type	Product Description	Product Page
	QuikPush® Cable Assembly	QuikPush® cable assemblies offer a flexible, pushable pre-terminated fibre optic drop solution for fast and reliable FTTx deployments. At just 3 mm outer diameter, the Miniflex® drop cable is also one of the smallest cables in the industry. With its unique grooving and Balistix™ pushable connector technology, QuikPush has a number of advantages over alternative last-drop solutions.	
	QuikPush® Nano Cable Assembly	The PPC QuikPush® Nano cable assembly is a flexible, pushable pre-terminated fibre opticsolution that utilizes our Miniflex fibre cable and allows for connectorization on one or both ends with multiple LC connectors. QuikPush® Nano has several advantages over alternativesolutions for fast and reliable FTTx deployments.	
	Miniflex® QuikDrop® Fibre Cable - PIA	QuikDrop® is a combination of aerial fibre jacket used in its ADSS cable and the Miniflex fibre cable, where the Miniflex cable can be connectorized on one or both ends. Various connector combinations are possible including the PPC pushable SC/APC and LC/APC connectors. This makes QuikDrop the aerial equivalent of our tried and tested QuikPush® cable assembly.	
	Miniflex® ADSS QuikDrop® Fibre Cable	QuikDrop® is a combination of aerial fibre jacket used in its ADSS cable and the Miniflex fibre cable, where the Miniflex cable can be connectorized on one or both ends. Various connector combinations are possible including the PPC pushable SC/APC and LC/APC connectors. This makes QuikDrop the aerial equivalent of our tried and tested QuikPush® cable assembly.	
	Miniflex® Pre-Terminated Cables & Pigtailes	Miniflex® Patch Cables and Pigtailes offer high performance for diverse fibre networks. These cables utilise advanced manufacturing for compatibility with single-mode and multi-mode wavelengths. Featuring the Miniflex grooving technology for added robustness and flexibility, they come with premium connectors, including Balistix™ pushable connectors, ensuring low insertion loss and high return loss.	
	Single-Mode & Multi-Mode Patch Cords	We offer a selection of single-mode and multi-mode fibre patch cords. Each patch cord is 100% hand-tested and guaranteed with individual labeling. They exceed fibre optic industry standards and are available in standard or customer lengths APC or UPC polish, and a variety of cable types and colors.	

Fibre Cabling Tools



Product Photo	Product Type	Product Description	Product Page
	HAPI® Miniflex® Cable Installation Tool	The HAPI® Miniflex® Installation Tool is a lightweight, compact cable pushing accessory for use with the Miniflex family of fibre cables. It features a simple loading mechanism that prevents cable damage and is optimised to deploy 2mm and 3mm Miniflex cable into 5mm, 7mm, 8mm and 10mm microduct. HAPI can be used anywhere, either in handheld mode, with the included height-adjustable monopod or with a tripod for extended distances.	
	QuikPass™ Window Cutter	The PPC QuikPass™ Window Cutter is a simple-to-use tool to precisely cut a 50mm wide window in 8mm Miniflex® cable. It allows individual 900µm fibres to be accessed, cut and retracted from the cable. Where traditional cutting tools might struggle to cut through the tough outer jacket of Miniflex®, the PPC Window Cutter uses a lever action to easily cut through the tough polymer.	
	Fibre Cable and Microduct Rotary Cutting Tools	The PPC Rotary Cutters are spring loaded radial cutting tools for cutting a wide range of fibre cable, microduct and tube products. They are ideally suited for cutting and removing outer jackets on Miniflex® cable, ADSS cable and fibre loose tube to expose optical fibre without damaging the glass. In microduct applications they allow access to the pull-cord without risk of damage.	

FIBRE CABLING



Microducts

Product Photo	Product Type	Product Description	Product Page
	Miniflex® Indoor Microduct	Miniflex® Indoor Microduct is a microduct for the routing of cables and optical fibres within buildings. Miniflex Indoor Microduct is made from a flame retardant, LSZH polymer making it suitable for use indoors in the event of fire (EU only). Miniflex Indoor Microduct has a low-friction & low static DVC lining to assist in pulling, blowing and pushing of fibre or cable.	
	TuffDuct® Direct Buried Microduct	TuffDuct® Direct Buried Microduct is an ultra tough 10mm microduct for routing cables and optical fibres underground. A special polymer construction makes TuffDuct an optimised option for underground deployment. It is available with an optional tone-wire, if required for locating purposes.	
	Miniflex® Outdoor Microduct	Miniflex® Outdoor Microduct is used for the routing of cables and optical fibres wherever there is a need for a UV stable product, such as outdoors. It's made from a tough UV stable PE polymer and has a low-friction & low static DVC lining to assist in pulling, blowing and pushing of fibre or cable.	

Protection Tube for Cables and Fibres

Product Photo	Product Type	Product Description	Product Page
	Miniflex® Protection-Tube	The Miniflex® Protection Tube is a flexible tube made from tough polymers to protect optical fibres or lightweight optical fibre units in demanding industrial or commercial environments. It offers exceptionally low weight for the level of strength and protection it provides, and it's the only flexible, durable polymer protective jacket in the industry.	

Microduct & Protection Tube Accessories



Product Photo	Product Type	Product Description	Product Page
	Miniflex® Wall Clips	Suitable for indoor and outdoor use, Miniflex® Wall Clips are low profile, easy-to-use fixing accessories designed specifically for a range of Miniflex fibre cable, tube and microduct. They provide high tensile retention by virtue of gripping features within the clip, which hold onto the jacket grooves. This ensures high pull-out resistance and improves the appearance of the installation.	

FIBRE CONNECTION CABLING











Broadband fibre optic solutions utilise breakout cables for efficient fibre distribution and jumpers for direct device connections. Breakout cables simplify organisation and protect fibres, while jumpers ensure reliable, high-speed data transmission. Together, they enhance the adaptability and scalability of broadband connections.



Multi-fibre Device Connection Cable



Product Photo	Product Type	Product Description	Product Page
	Pre-terminated Breakout Cable	Fibre optic breakout cables are rugged, high performance optical communication cables suitable for inside plant installations. Breakout cables contain multiple individual strands with their own aramid strength member and jacket, which makes the cable more robust and reliable. Breakout cables are often used to connect two different locations or racks in a data center or central office.	

Device Connection Cables

Product Photo	Product Type	Product Description	Product Page
	Jumper, Single-mode Simplex	Our high performance fibre optic simplex jumpers are used in single-fibre applications. The simplex jumpers are manufactured using state-of-the-art controlled manufacturing processes to operate over the full range of single-mode wavelengths. The jumpers are terminated with high quality connectors, which provide low insertion loss and high return loss.	
	Jumper, Single-mode Simplex Push-Pull-Tab	The PPC LC Simplex patch cords are designed to reduce the cable congestion at the front of high-density patch panels and switches, and reduce the time it takes to add new subscribers to the network. These compact connectors can also be deployed on the output tails of pre-terminated splitter systems to facilitate higher packing density. The pulling tab at the rear of the connector provides access to connectors, and allows users to disconnect assemblies more easily.	
	Jumper, Single-mode Simplex Hybrid Push-Pull Tab	The LC Simplex hybrid patch cords are designed to reduce the cable congestion at the front of high density patch panels and switches and reduce the time it takes to add new subscribers to the network. These compact connectors can also be deployed on the output tails of pre-terminated splitter systems to facilitate higher packing density. The push-pull-tab at the rear of the connector provides access to connectors, and allows users to disconnect assemblies even in applications where LC ports are stacked adjacent to one another.	
	Jumper, Single-mode Duplex	Our high performance fibre optic duplex jumpers are used in duplex fibre applications. The duplex jumpers are manufactured using state-of-the-art controlled manufacturing processes to operate over the full range of single-mode wavelengths. The jumpers are terminated with high quality connectors, which provide low insertion loss and high return loss.	
	Ruggedized Jumper, Single-mode Duplex	The Ruggedized Flat Duplex fibre patch cables provide a more robust alternative to standard zipped duplex patch cables. The patch cords are recommended for patching where fibre runs are of longer distance, as the patch cords are less prone to damage during and after installing. These are available in single-mode with standard connector options.	

FIBRE CONNECTION CABLING

Subscriber Connection Cable

Product Photo	Product Type	Product Description	Product Page
	Jumper, Single-mode Simplex, LSZH	The high performance Low Smoke Zero Halogen (LSZH) fibre optic simplex jumpers are used in single-fibre in-building applications. The simplex jumpers are manufactured using state-of-the-art controlled manufacturing processes to operate over the full range of single-mode wavelengths. The jumpers are terminated with high quality connectors, which provide low insertion loss and high return loss.	











FIBRE MANAGEMENT





Fibre optic installations utilise modular high-density optical distribution fibre management systems with pivoting panels for easy maintenance, PLC splitter systems for efficient signal distribution, and UHD systems for compact and scalable connectivity, ensuring a high-performance network.



Optiscale Pivoting Solutions





Product Photo	Product Type	Product Description	Product Page
	Optiscale Pivoting Panel	The PPC Pivoting Splitter Chassis is 'pre-configured' and 'installation-ready' with an initial capacity of 96 PON connections and one 13mm conduit is pre-assembled at the rear of the chassis for easy insertion of the loose tubes. The pivoting design of the chassis means that the splicing tray and splitter connectors are easily accessible.	
	Pivoting Panel Splitter External	The 1U 96 external pivoting panel splitter optimises installation by fixing pre-terminated PLC splitters directly to the side. Its 'pre-configured' and 'installation-ready' design, featuring a pre-assembled 13mm conduit for loose tubes at the rear, ensures ease of insertion and accessibility to the splicing tray and splitter connectors with the pivoting design.	
	Pivoting Panel Splitter Internal	The internal pivoting panel splitter features pre-terminated PLC splitters fixed inside and patched to angled LC adapters. This 'pre-configured' and 'installation-ready' chassis boasts an initial capacity of 96 PON connections.	
	Pivoting Panel P2P	The pivoting panel P2P chassis comes pre-loaded with 12x 8F harness cables LC/APC to LC/APC, numbered for easy identification and efficient on-site assembly. The pivoting design minimises fibre patchcord movement during MACs.	

PLC Splitter System



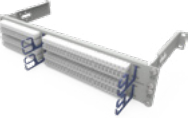

Product Photo	Product Type	Product Description	Product Page
	Splitter Panel, Fixed 19", GEN2 PLC Splitter Chassis	The 19 inch GEN2 PLC Splitter Chassis is designed for quick installation and easy access to our versatile splitter modules, which maximise fibre density in 1U and 2U rack spaces. Fibre management trays are built into the front of the splitter chassis to facilitate efficient management of the splitter leads.	
	PLC Splitter Module GEN2	The Planar Lightwave Circuit (PLC) Splitters are manufactured using silica glass waveguide circuits and extremely precise alignment of optic fibres in very small package. They split or combine light from incoming fibres to multiple numbers of outgoing fibres. They perform uniformly over a wide spectral range, with ultra-low losses.	

FIBRE MANAGEMENT



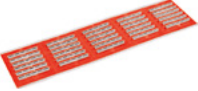



UHD Splitter System

Product Photo	Product Type	Product Description	Product Page
	Skeleton (SKC) Chassis	The Skeleton (SKC) Chassis is a modular, standards-based, pre-terminated distribution platform designed to increase port density, improve connector access, and efficiently utilise valuable rack space in central offices. The SKC Chassis solution facilitates front or rear installable modules that allows multiple fibre connections to be quickly and efficiently installed and maintained, while supporting regular moves, adds and changes.	
	UHD Splitter Cartridge Module	The Planar Lightwave Circuit (PLC) Splitters are manufactured using silica glass waveguide circuits and extremely precise alignment of optic fibres in very small package. They split or combine light from incoming fibres to multiple numbers of outgoing fibres. They perform uniformly over a wide spectral range, with ultra-low losses.	

Cable & Connector Manager

Product Photo	Product Type	Product Description	Product Page
	2U Cable Manager	The 19-inch 2U cable manager made of powder-coated aluminum in grey or black, organizes cables with five coils, two G-clips, and four top and bottom guides. It can be mounted with a 180° rotation in any 1-inch rack or cabinet. Accessories include a Bend Radius Plate and T-Adapter Set for versatile mounting options.	
	Parking Panel	The Parking Panel provides an innovative parking system for connectors. It has been specially developed to park connectors with dust caps, while also providing proper fiber management. Provided are 80 LC parking positions per 1U and 160 positions per 2U. The panel is available with extension arms for rear mounting or without extension arms for front mounting. The extension arms are depth-adjustable and are also available separately.	

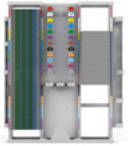



Fibre Management Accessories

Product Photo	Product Type	Product Description	Product Page
	PLC Splitter	PLC splitters are split or combine light from one or two incoming fibres to multiple numbers of outgoing fibres having one or two input channels and up to 64 output channels. They perform uniformly over a wide spectral range, with ultra-low losses. Available in different packages like 250um, 900um, box or cassette, terminated with or without connectors.	
	Crimp Splice Protection (CSS)	The crimp splice protection element (CSS) is a V-shaped metal sleeve designed to protect fibre optic fusion splices within fibre optic splice cassettes and enclosures. The easy mechanical process of protecting fibre splices provides the fastest and most convenient method of protecting fibres in the field.	
	Heat Shrink Splice Protection	Heat Shrink Splice Protectors for protecting cables with fusion splicing.	

HIGH DENSITY OPTICAL DISTRIBUTION RACKS

High-density optical distribution racks are essential for modern telecom and data centers, utilises specialised panels and racks to efficiently organise and connect a large number of fibres in tight spaces. This approach minimises physical footprint, enhances scalability, and ensures optimal performance in communication networks.



Product Photo	Product Type	Product Description	Product Page
	Optical Distribution Frame (ODF)	The Optical Distribution Frame (ODF) is a purpose-made rack designed to accommodate high density feeder panels or splitter panels used in FTTH PON networks. The rack can be made as a stand-alone solution, or it can be made as a 'side-by-side' system with integrated cable management in the middle. Adjustable 19" mounting rails at the rear of the rack provide excellent front access to all cables and the optional PMF rack provides fast and easy cable overlength management.	
	Equipment Frame (EQF)	The Equipment Frame (EQF) is a purpose-made rack designed to accommodate high density switches DSLAMs used in FTTH PON networks. The rack can be made as a stand-alone solution, or it can be made as a 'side-by-side' system with integrated cable management in the middle. Each rack has capacity for up to two high-density DSLAM switches including the associated baffle plates required to deflect warm air away from the switch.	











OSP PON CABINETS



Successful fibre deployments rely on outside plant (OSP) PON cabinets to distribute signals efficiently to premises locations. PON cabinets are multi-purpose cabinets designed for versatile equipment housing and efficient fibre management. These cabinets ensure the smooth deployment and optimal organization of passive optical components, enhancing the reliability of PON networks.



Street Cabinets (Polycarbonate)

Product Photo	Product Type	Product Description	Product Page
	SiCab Multi-purpose Cabinet	SiCab multi-purpose cabinets are modularly designed and developed for the application of active transmission technology. They consist of an aluminium inner enclosure covered by glass fibre-reinforced polycarbonate external sections. Choose from five basic sizes.	
	UNI Series	The UNI Series cabinet consists of weather-resistant, glass fibre reinforced polycarbonate cabinets and is suitable for the outdoor application of passive assemblies. The single-walled cabinets consist of an aluminium inner frame for the installation of components. Choose from five basic sizes with two depths per size.	
	Outdoor Cabinets	We have a range of copper cross connection cabinets, active and passive cabinets, POP cabinets, and fibre optic distribution cabinets. Our cabinets can be deployed in a variety of fibre optic, 5G and LoRa networks for the infrastructure of future smart cities. Our smart street furniture shapes the cities of tomorrow with street side 5G small cells, WiFi hotspots and LoRaWAN base stations.	
	FCC Series	The pre-assembled fibre connection cabinets (FCC) are designed for the expansion of FTTH networks in all scenarios. With six available enclosure sizes, the connection of 24 to 168 tubes per enclosure is possible, and with the uniform series, any expansion is possible with only one system. The FCCs are equipped with splice components and boast a modular design that allows simple installation and maintenance on housings.	

Street Cabinets (Steel / Aluminium)









Product Photo	Product Type	Product Description	Product Page
	SC9 Street Cabinet	The SC9 street cabinet is an outdoor cabinet system that provides maximum protection of equipment against vandalism and extreme weather conditions. This cabinet is ideal for installations hosting active and passive telecom equipment. The SC9 cabinet is compact so the aesthetic impact on the 'street scene' is kept to a minimum. The cabinet is 900mm wide and the grey powder coating in grey blends in with the environment.	

OPTICAL TERMINAL BOXES





Our fibre Optical Terminal Boxes combine our Pre-Terminated Outlet (PTO) Kits for quick installations, optic termination points for versatile connectivity, and pigtails for reliable terminations. Together, they enhance efficiency and adaptability in fibre optic installations at the premises.

Pre-terminated Outlet Kits



Product Photo	Product Type	Product Description	Product Page
	Quik Install Kit (Pre-terminated)	The Quik Install Kit (QIK) offers an efficient and cost-effective option for the deployment of fibre drop cables, removing the need for complicated tools and highly skilled fibre engineers. Configurations include one to four fibres, multiple connector choices - including pushable LC and SC connectors - and two different terminals.	
	Compact Pre-Terminated Outlet (PTO) Kit		
	Universal Pre-Terminated Outlet (PTO) Kit	The Pre-Terminated Outlet (PTO) Kits are designed for quick and easy installation in FTTH and FTTB installations. The PTO Kits simplify and accelerate the installation of fibre optic cables within single-dwelling and multi-dwelling units (SDUs and MDUs). Operators are able to send field service technicians without splicing knowledge to the installation, reducing the time required to connect a subscriber to the network. Each kit can be configured for the type of install and components required. The kits come with a loaded outlet box with adapters of your choice and fibre cable with various connector ends.	
	2-Port Pre-Terminated Outlet Kit, Flush Mount		

Optical Termination Outlets (Unloaded)

Product Photo	Product Type	Product Description	Product Page
	Home Termination Box	The Fibre Home Termination Box is a compact, wall mountable box designed to terminate up to two fibres at the end-user interface, specifically for FTTH and FTTD applications. Laser safety and resistance to contamination is provided by the integrated shutter mechanism. The Fibre Home Termination Box uses the industry standard SC/LC connector interface and is suitable for both direct termination and fusion/mechanical splicing.	

OPTICAL TERMINAL BOXES

Optical Termination Outlet Accessories

Product Photo	Product Type	Product Description	Product Page
	Pigtails, Single-mode	These high-performance pigtails are colored in compliance with TIA-598-C standards for all types of fibre optic networks. The pigtail are designed to operate over a wide range of wavelengths, ranging from 1310nm - 1550nm for single-mode fibre with guaranteed low loss and reliability.	





DISTRIBUTION BOXES & TERMINALS







Distribution Boxes & Terminals are crucial for efficient fibre optic network organization and management. The inclusion of diverse pigtail splices in the Optical Distributio Box allows for customisable configurations, accommodating different connectivity needs. This flexibility ensures the seamless deployment and scalability of broadband fibre, optimizing network performance and adaptability.





Fibre Entry Box

Product Photo	Product Type	Product Description	Product Page
	QuikPass™ Fibre Entry Box	The PPC QuikPass™ Fibre Entry Box is a slim profile, compact termination box manufactured from a flame retardant, low smoke zero halogen and impact resistant polymer. The Fibre Entry Box features all the necessary components to connect the subscriber to the distribution cable and offers a range of termination options including fusion splice, field fit connectors, terminated drop cables and even the option to push the fibre from the Fibre Entry Box to the customer terminal / ONT.	

Customer Terminals



Product Photo	Product Type	Product Description	Product Page
	QuikPush® Small Customer Terminal	The QuikPush® Small Customer Terminal (QP-SCT) is a cost-effective, low-profile termination point for FTTH deployments. The QP-SCT is typically located inside the customer dwelling and connects to the Network Access Point via pre-terminated QuikPush cable assemblies. Compatible with SC and LC adapters, the small customer terminal provides the ideal solution for Miniflex® fibre cable, with capacity to store up to 2 m of slack fibre.	
	QuikPush® Medium Customer Terminal	The QuikPush® Medium Customer Terminal (QP-MCT) is a sleek and versatile termination point for FTTH deployments. This terminal is typically inside the customer dwelling and connects to the Network Access Point using pre-terminated QuikPush cable assemblies. The QP-MCT is the ideal complement to Miniflex® fibre cable due to its impressive slack storage capability - up to 8 m.	
	QuikPush® Large Customer Terminal	Designed for indoor use, the QuikPush® Large Customer Terminal (QP-LCT) allows for convenient routing, storage and interface of optical fibre from the network provider to the end user's Optical Network Terminal. This terminal is typically located inside the customer dwelling and connects to the Network Access Point using pre-terminated QuikPush Cable. Storing up to 15 m of excess fibre cable makes the QP-LCT a versatile slack storage solution for connectorized drop cable.	

Micro Drop Terminal









Product Photo	Product Type	Product Description	Product Page
	Sapphire™ Micro Drop Terminal (MDT) (6 Splices)	The Sapphire™ Micro Drop Terminal (MDT) is a compact indoor/outdoor fiber enclosure for last-mile FTTH connections. Smaller than similar products, it supports pass-through, direct splicing, pre-terminated, and splitting options. Exceeding IP-67 requirements, it ensures reliable fiber protection and easy servicing. The MDT includes cable grommets, a storage basket, a six-splice tray with a mini-PLC splitter, and a bulkhead bracket for two SC Duplex or LC Quad adapters.	

DISTRIBUTION BOXES & TERMINALS

Versatile Enclosure

Product Photo	Product Type	Product Description	Product Page
	Sapphire™ Versatile Enclosure (12 + 12 splices)	The Sapphire™ Versatile Enclosure is a compact, robust demarcation point between the OSP network and internal ONT connections, terminating up to 8 fiber drop cables. It supports up to 4 SC simplex or LC duplex adapters and features a reversible lid for easier installation in tight spaces. The enclosure includes a rotating wheel for managing up to 20 meters (65 ft) of 3mm Miniflex, reducing OpEx. The reel can spin in either direction and can be locked to prevent de-spooling.	

Optical Distribution Boxes

Product Photo	Product Type	Product Description	Product Page
	Optical Distribution Box: ODB-8 (8 Splices)	The Optical Distribution Box (ODB-8) is a light and compact wall mountable box for termination of up to four fibres. It is designed to serve as a building entry point for FTTH applications, but is also a perfect choice for all types of FTTx applications. The demarcation box provides versatility, enabling fusion splicing, direct termination or patching.	
	Optical Distribution Box: ODB-24 (24 Splices)	The Optical Distribution Box (ODB-24) is a light and compact wall mountable enclosure for termination of up to 12 fibres. It is designed to serve as a building entry point for FTTH applications, but is also a perfect choice for all types of FTTx applications. The 12-24 fibre box provides versatility, enabling fusion splicing, direct termination or patching.	
	Optical Distribution Box: ODB-48 (48 Splices)	The Optical Distribution Box (ODB-48) is a robust outdoor enclosure that can accommodate up to 96 fusion splices, plus 24 SC simplex or LC duplex adapters and a wide range of pre-connectorised or spliced PLC splitter modules. The ODB-48 features a splice system with four splice trays, PLC splitter holders and a removable adapter plate. The ODB-48 can be securely wall mounted or pole mounted using additional brackets.	
	Optical Distribution Box: ODB-96 (96 Splices)	The Optical Distribution Box (ODB-96) is a robust outdoor-rated wall mount enclosure designed for FTTx networks in single-dwelling, multi-dwelling and multi-tenant applications for up to 96 subscribers. The ODB-96 features an internal swing tray that holds up to four PLC splitters and 24 SC Duplex or LC Quad adapters. Mechanical or fusion splices can be stored in up to four splice cassettes underneath the swing tray.	

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