

Universal Aerial Customer Premises Solutions Overview





PPC Overview

PPC is a leading manufacturer and developer of connectivity solutions and network optimization for cable systems, satellite networks and wireless businesses around the world. As the demand for broadband services increases, so does the need for high-end solutions. We offer award-winning xTTx® solutions for fiber optics, coax cable, drop connectors, category cable, construction hardware, ancillary products and more through technical leadership and innovative services.

PPC's design teams have contributed many industry firsts, including pushable fiber, universal crimp and compression connectors, continuity connectors, integrated weather seal connectors, among others. While holding more patents in connector technology than any other company worldwide, PPC continues to expand its product portfolio to mirror the evolution of international network advancements and satisfy increasingly complex customer demand.

Premises Overview

PPC has a comprehensive portfolio of universal aerial products to quickly and efficiently connect homes aerially. The combination of fusion spliced and pre-terminated solutions provide operators with the flexibility and simplicity required to support different topologies and diverse building types.





Featured Universal Cable Options

Universal Cable



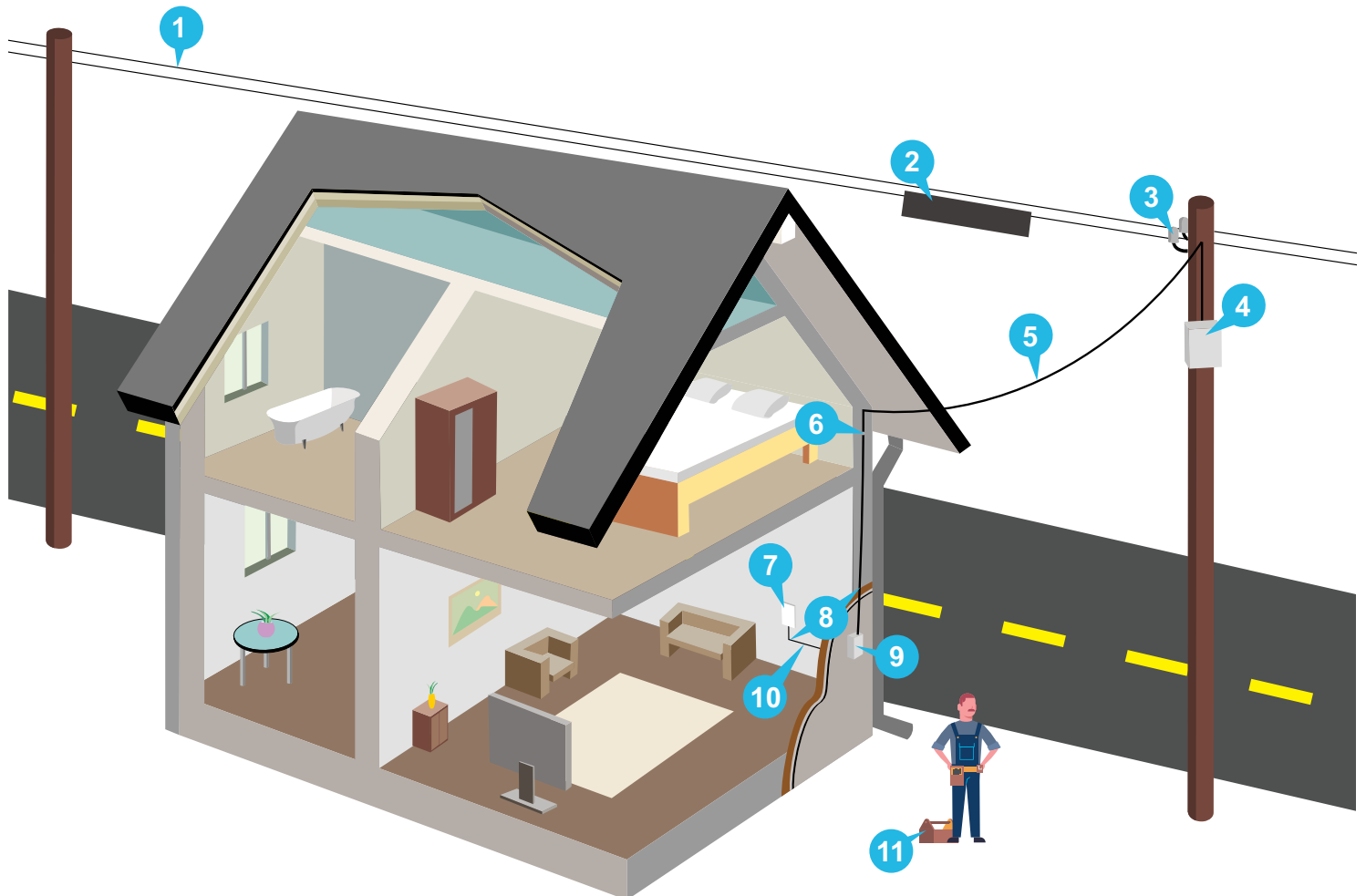
Our universal self-supporting cables features a construction that is substantially lighter than traditional aerial fiber cables. The cable's light weight allows existing poles to be used without the need for surveys, planning and remedial civil works, facilitating rapid and cost-effective aerial fiber optic network deployment. The construction also allows the cable to be safely located near high voltage overhead power lines. PPC's self-supporting ADSS and MASS cables use a loose tube design with fiber counts up to 12 fibers in 6 mm O.D.; 24 to 48 fibers in 7 mm O.D. (ADSS) or up to 12 fibers in just 6 mm O.D.; up to 36 fibers in 7 mm O.D. (MASS) depending on the total fiber count of the final cable.

QuikDrop™



QuikDrop™ is a combination of the aerial fiber jacket used in universal self-supporting cable and the Miniflex® fiber cable which can be connectorized on one or both ends. The range of available connectors includes PPC's QuikPush cable assemblies with SC/APC and LC/APC connector options. By removing the need to splice and simplifying FTTx deployments, QuikDrop can dramatically reduce installation time and associated costs. Strength members are embedded within the outer jacket for self-supporting spans, and thanks to its high crush and tensile strength, it can also be direct-buried or pulled through sub ducts.

Universal Aerial Cable Installation





Aerial Distribution Cable





Product Photo	Product Type	Product Description	Product Page
	12F ADSS Aerial Distribution Cable 24F ADSS Aerial Distribution Cable 36F ADSS Aerial Distribution Cable 48F ADSS Aerial Distribution Cable	All-dielectric self-supporting construction for light weight distribution cable for up to 48F. UV stabilized jacket for 25 years outdoor use	 SCAN OR CLICK
	12F MASS Aerial distribution cable 24F MASS Aerial distribution cable 36F MASS Aerial distribution cable	Metallic self-supporting and ultra-light weight aerial cable for up to 36F. UV stabilized jacket for 25 years outdoor use	 SCAN OR CLICK

Aerial Enclosures

Product Photo	Product Type	Product Description	Product Page
	Pole / wall mounted Enclosure, ODB Series 100A	Optical Distribution Box (ODB) Series 100A is a compact, robust, outdoor-rated wall mount enclosure designed for FTTH networks in single dwelling, multi-dwelling and multi-tenant applications for up to 8 subscribers. Room for 10 mechanical or fusion splices and one splitter	 SCAN OR CLICK
	Pole / wall mounted Enclosure, ODB Series 100B	Optical Distribution Box 100 (ODB-1B) is a robust indoor/outdoor enclosure designed for FTTH networks in single dwelling, multi dwelling and multitenant applications, where it serves as a distribution box for up to 12 subscribers. Integrated splice tray and fiber management	 SCAN OR CLICK
	InLine Aerial Closure	Lightweight, compact aerial distribution solution for FTTH. Weather-tight design, accommodates up to 8 drop cables, UV resistant, includes splitter, pigtailed, and fixing accessories	 SCAN OR CLICK
	FlexPON® Demarcation Enclosure	Demarcation enclosure, copolymer impact polypropylene construction, UV resistance per UL 746C, water resistance per UL 746C, IP54 ingress protection	 SCAN OR CLICK
	QuikPush® Enclosure Small Customer Terminal	QuikPush Small Customer Terminal (QP-SCT) is a cost-effective, low-profile termination point for FTTH deployments. Slack cable storage for up to 2 m (6.5 ft) of 3mm Miniflex® cable	 SCAN OR CLICK
	QuikPush Enclosure Medium Customer Terminal	QuikPush Medium Customer Terminal (QP-MCT) is a sleek and versatile termination point for FTTH deployments. Slack cable storage for up to 8 m (26.2 ft) of 3mm Miniflex cable	 SCAN OR CLICK
	QuikPush® Enclosure Large Customer Terminal	QuikPush Large Customer Terminal (QP-LCT) allows for convenient routing, storage and interface of optical fiber from the network provider to the end user's Optical Network Terminal. Slack cable storage for up to 15 m (50 ft) of 3mm Miniflex® cable	 SCAN OR CLICK











Aerial Drop Cable

Product Photo	Product Type	Product Description	Product Page
	Miniflex® ADSS QuikDrop™ Fiber Cable	A combination of ADSS fiber jacket and Miniflex fiber cable, where the Miniflex cable can be connectorized on one or both ends. 1-4 fibers, flame retardant, Riser & CPR rated Miniflex	 SCAN OR CLICK
	Miniflex MASS QuikDrop Fiber Cable	A combination of MASS fiber jacket and Miniflex fiber cable, where the Miniflex cable can be connectorized on one or both ends. 1-4 fibers, flame retardant, Riser & CPR rated Miniflex	 SCAN OR CLICK





QuikDrop is pre-terminated to customer specific lengths, product information available on request

Internal Drop Cable

Product Photo	Product Type	Product Description	Product Page
	QuikPush® Cable Assembly LC Balistix™ Connector	QuikPush cable assembly is a flexible, pushable pre-terminated fiber optic drop solution that utilizes our Miniflex fiber cable and allows for connectorization on one or both ends. Industry-standard LC Balistix connector	 SCAN OR CLICK
	QuikPush Cable Assembly SC Balistix Connector	QuikPush cable assembly is a flexible, pushable pre-terminated fiber optic drop solution that utilizes our Miniflex fiber cable and allows for connectorization on one or both ends. Industry-standard SC Balistix connector	 SCAN OR CLICK
	1F Miniflex FTTH Eca Cable 2F Miniflex FTTH Eca Cable 4F Miniflex FTTH Eca Cable	Rated Eca in accordance with EN 50575:2014+A1:2016, Miniflex fiber cable is considered a low flame spread product. UV stable, light weight and high crush resistant. Small Diameter 3 mm for 1-12 fibers	 SCAN OR CLICK
	1F Miniflex FTTH Cca Cable 2F Miniflex FTTH Cca Cable 4F Miniflex FTTH Cca Cable	Rated Cca in accordance with EN 50575:2014+A1:2016, Miniflex fiber cable is considered a low flame spread product. UV stable, light weight and high crush resistant. Small Diameter 3 mm for 1-12 fibers	 SCAN OR CLICK











QuikDrop is pre-terminated to customer specific lengths, product information available on request

Microducting Support





Product Photo	Product Type	Product Description	Product Page
	Miniflex Indoor Microduct	Miniflex Indoor is a microduct for the routing of cables and optical fibers within buildings. Low Smoke, Zero Halogen (LSZH). Ultra low-friction & low-static DVC lining aiding fiber install	 SCAN OR CLICK
	Miniflex® Outdoor Microduct	Miniflex technology, Outdoor, UV stable and guaranteed for 25 years outdoor use, low friction, low static DVC lining, high crush resistance, pull cord	 SCAN OR CLICK

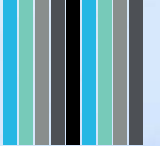


Aerial Installation & Accessories

Product Photo	Product Type	Product Description	Product Page
	Diamond® Drop Hardware "P" House Hook	Secure messenger drop installations at the building, corrosion resistant materials, 1,400 lb. mechanical strength, 3-3/4" length	 SCAN OR CLICK
	Aerial Fiber Cable Dead-Ends for 6 mm and 7 mm cables	Galvanized, corrosion resistance, no tools required, spiral design that transfers tensile force into a compressive force placed onto the fiber cable jacket	 SCAN OR CLICK
	Fiber Locking Mechanism for 6 mm and 7 mm cables	An anti-creep device that is a locking mechanism for 'loose' jacketed elements in the ADSS cable so it isolates the termination of the fibers, both spliced and connectorized, in the fiber enclosure from 'in span' environmental loads such as ice and wind	 SCAN OR CLICK
	Aerial Fiber Cable Tangent Supports for 6 mm and 7 mm cables	Use as an alternative to dead-ends and wedge clamps on intermediate poles when installing PPC aerial fiber cable; no tools required to install; light-weight, all dielectric construction	 SCAN OR CLICK
	Miniflex Wall Clips for 2 mm and 3 mm cables or 8 mm and 10 mm Miniflex Microducts	Suitable for indoor and outdoor use, Miniflex Wall Clips are low-profile, easy-to-use fixing accessories designed specifically for a range of Miniflex cables, protection tubes and microducts. For 2 mm and 3 mm Miniflex Fiber Cable or 8 mm and 10 mm Miniflex Microduct	 SCAN OR CLICK

Installation Tools

Product Photo	Product Type	Product Description	Product Page
	Aerial Fiber Cable Stripping Tools for 6 mm and 7 mm cables	Ambidextrous handle, two blade cartridge mounting options. Uses profiled roller blade technology to penetrate 6 mm outer cable jackets with ease	 SCAN OR CLICK
	Small Rotary Cutter Medium Rotary Cutter Large Rotary Cutter	Rotary Cutting Tools are spring-loaded radial cutting tools for cutting a wide range of fiber cable, microduct and tube products. Ambidextrous handle – 2 blade fixing position	 SCAN OR CLICK





Design and manufacturing center of excellence for Miniflex[®] cable, microduct and aerial fiber systems based in the UK



Dedicated fiber termination facilities to support global and local demand



State-of-the-art Telcordia certified laboratory for RF and fiber testing and evaluation



Advanced engineering and product design to provide our customers with continuous innovation



Cabinet design and integration facilities for outside plant applications



PPC minimizes its environmental footprint through energy efficiency, waste reduction, recycling and conservation

