

ADSS Premises Solutions Overview



 **Region**
Asia / Pacific, Europe, Latin America
Middle East / Africa, North America



PPC Overview

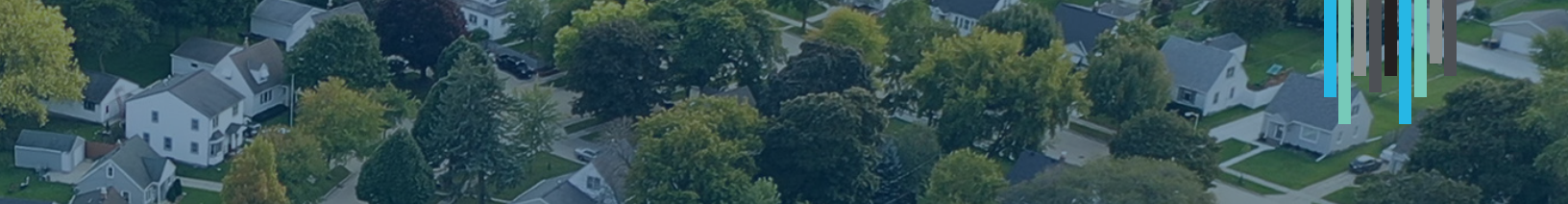
PPC is a leading manufacturer and developer of connectivity solutions and network optimization for cable systems, satellite networks and wireless businesses around the world. As the demand for broadband services increases, so does the need for high-end solutions. We offer award-winning xTTx® solutions 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, and 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 ADSS 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.





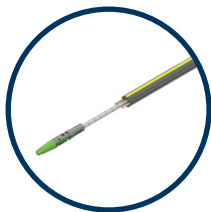
Featured ADSS Cable Options

ADSS Cable



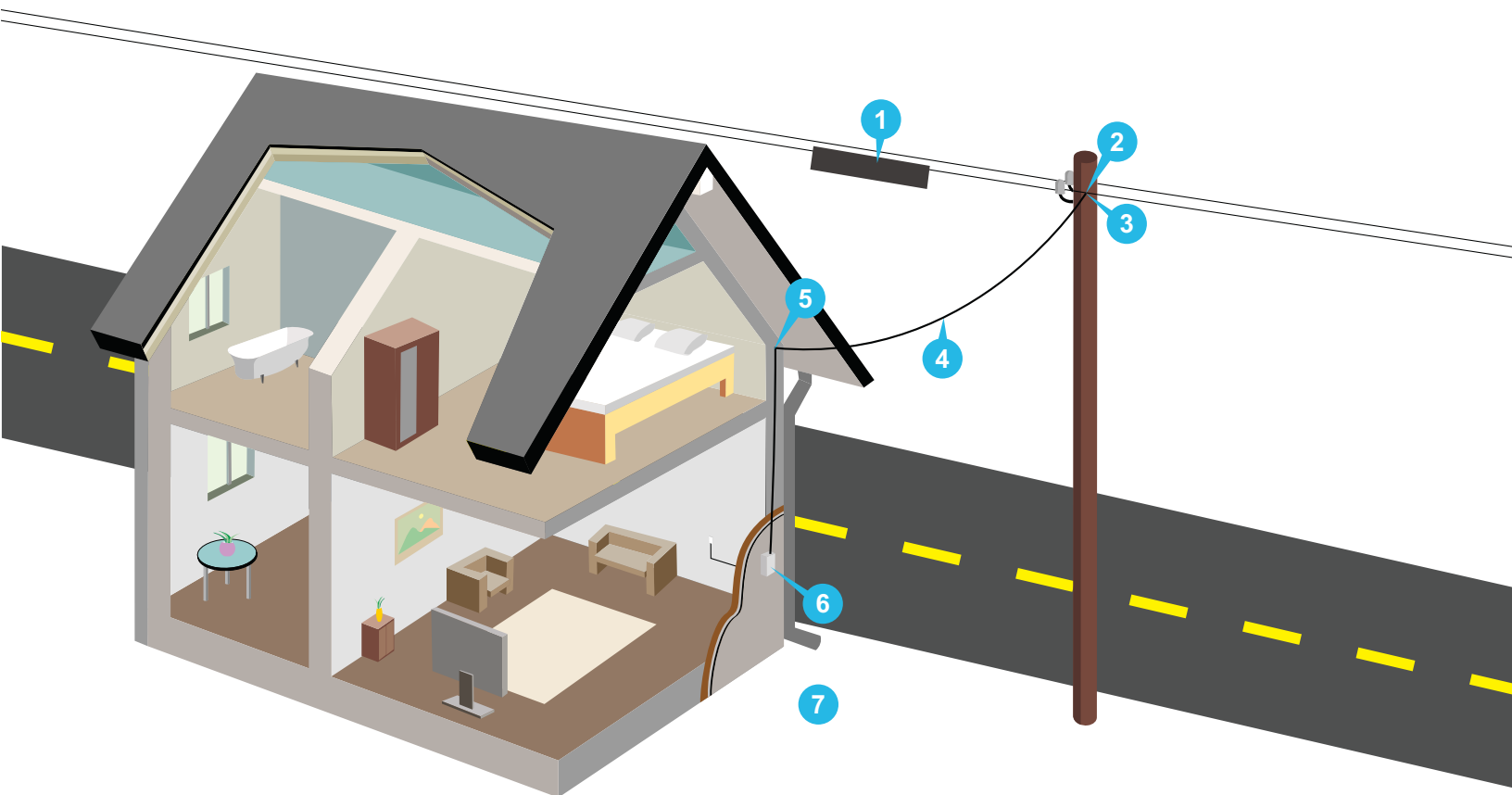
Our ADSS cable features an all-dielectric construction that is substantially lighter than traditional aerial fiber cables. The cable's light weight allows existing poles to be used without the need for surveys, planning and remedial civil works, facilitating rapid and cost effective aerial fiber optic network deployment. The all-dielectric construction also allows the cable to be safely located near high voltage overhead power lines. PPC's self-supporting ADSS cable uses a loose tube design with fiber counts of 1, 2, 4, 8, and 12 depending on the total fiber count of the final cable, which can contain up to 48 fibers.

QuikDrop™





QuikDrop™ is a combination of the aerial fiber jacket used in its ADSS cable and the Miniflex® fiber cable which can be connectorized on one or both ends. The range of available connectors includes the PPC pushable SC/APC and LC/APC connectors. 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.

ADSS Cable Installation



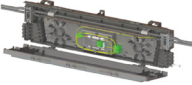



ADSS / QuikDrop Aerial Fiber Cable

Ref. #	Product (Part Number)	Product Description	Image
4	ADSS Aerial Fiber Cable 1F (10-1021), 2F (10-1250), 4F (10-1251) 12F (10-0891), 24F (10-1180), 36F (10-1181), 48F (10-1182)	All-dielectric self-supporting construction for light weight distribution cable for up to 48F. UV stabilized jacket for 25 years outdoor use	
4	QuikDrop™ Aerial 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	





* See data sheet for part numbers and ordering information

Enclosures















Ref. #	Product (Part Number)	Product Description	Image
1	InLine Aerial Closure (10-14xx)	Lightweight, compact aerial distribution solution for FTTx. Weather-tight design, accommodates up to 8 drop cables, UV resistant, includes splitter, pigtails, and fixing accessories	
6	FlexPON® Demarcation Enclosure*	Demarcation enclosure, copolymer impact polypropylene construction, UV resistance per UL 746C, water resistance per UL 746C, IP54 ingress protection	

* See data sheet for part numbers and ordering information

Tools






Ref. #	Product (Part Number)	Product Description	Image
7	6 mm Aerial Fiber Cable Stripping Tool (10-1323)	Ambidextrous handle, two blade cartridge mounting options. Uses profiled roller blade technology to penetrate 6 mm outer cable jackets with ease	
7	6mm Spare Blades for 10-1323 (10-1324)	6 mm Replacement Blades (1 pc)	
7	7 mm Aerial Fiber Cable Stripping Tool (10-1325)	Ambidextrous handle, two blade cartridge mounting options. Uses profiled roller blade technology to penetrate 7 mm outer cable jackets with ease	
7	7mm Spare Blades for 10-1325 (10-1326)	7 mm Replacement Blades (1 pc)	

Diamond® Hardware

Ref. #	Product (Part Number)	Product Description	Image
2	ADSS Drop Wire Clamp (23-99991)	Support both ends of 5mm-8mm MASS/ADSS aerial drops, corrosion resistant materials, 555 lb. mechanical strength	
2	Screw n Snap Clips (24-88013)	Used to secure drop wire runs to wood, masonry, stucco, brick, or concrete	
2	7/16th Diameter J-Hook 4 3/4" long (40-43007)	Used to support bail-type drop wire clamps to poles, 7/16" x 4-3/4" galvanized steel w/fetter drive threads	
2	5/16th Diameter J-Hook 3 1/2" long (40-43008)	Used to support bail-type drop wire clamps to poles, 5/16" x 3-1/2" galvanized steel w/fetter drive threads	
5	"P" House Hook (31-00809)	Secure messenger drop installations at the building, corrosion resistant materials, 1,400 lb. mechanical strength, 3-3/4" length	
5	"Omni" House Hook (SC26-1)	Used to dead-end a messengered drop cable at the house, provides 1" diameter wrap for messenger	
5	Drop Wire Hook (Rams Head) (30-01732)	Attach bail wire to buildings, corrosion resistant materials, 700 lbs. load capacity	
2	"Q" Span Clamp (27-00185)	Provide drop wire take-offs at mid-span, corrosion resistant materials, 1/4"-7/16" clamping range	
2	"E" Span Clamp (27-00865)	Provide drop wire take-offs at mid-span, corrosion resistant materials, 1/4"-7/16" clamping range	
2	Multi-Directional Single Pigtail Hook For 1/4" Strand (SC03-1)	Multi-directional span clamp used for drop cables at mid-span location, unique claw design prevents rotation	
2	7 in Cable Tie Black (DT-07-50-0-D)	Standard 50lb cable tie, black, 7" length	
2	11 in Cable Tie Black (DT-11-50-0-D)	Standard 50lb cable tie, black, 11" length	
2	14 in Cable Tie Black (DT-14-50-0-D)	Standard 50lb cable tie, black, 14" length	
2	.038" Lashing Wire 120 lb max (PLW302038)	Used to lash aerial cable to strand, .038" diameter, 302 stainless steel	
2	.045" Lashing Wire 154 lb max (PLW316045)	Used to lash aerial cable to strand, .045" diameter, 316 stainless steel	
2	.045" Lashing Wire 165 lb max (PLW302045)	Used to lash aerial cable to strand, .045" diameter, 302 stainless steel	



ADSS Hardware

Ref. #	Product (Part Number)	Product Description	Image
3	6mm ADSS Tangent Support pk 10 (10-1356)	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	
3	6mm ADSS Helical Dead-End Pk 10 (10-1333)	Galvanized, corrosion resistance, no tools required, spiral design that transfers tensile force into a compressive force placed onto the fiber cable jacket	
3	7mm ADSS Tangent Support pk 10 (10-1357)	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	
3	7mm ADSS Helical Dead-end pk 10 (10-1334)	Galvanized, corrosion resistance, no tools required, spiral design that transfers tensile force into a compressive force placed onto the fiber cable jacket	
3	Fiber Locking Mechanism 6mm & 7mm (30-0993)	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	





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