

Wireless Solutions Overview





PPC BROADBAND OVERVIEW

PPC is an innovative, reliable solutions supplier to next generation wireless and broadband service providers. For more than 80 years, PPC established itself as a premier innovator within the communications space. As an early innovator of connectors used in CATV and digital cable systems, PPC has pioneered more innovations in connector technologies than any other company in the industry.

In the last decade, PPC has also become a major innovator of fiber and optical network components to the biggest telecommunications companies in the world. Through its advanced fiber test laboratory and strategic growth initiatives, PPC has rapidly expanded its product breadth - today offering comprehensive solutions for Radio Access Network, Central Office, Outside Plant, and Premises applications for network architectures of all types.

This broad range of solutions encompasses fiber product and copper product portfolios, enabling PPC to support customers regardless of network design, component needs, and future plans. Whether an inside plant application, FTTx architecture, or hybrid network topology, PPC is positioned to equip service providers, regardless of need, in all regions of the globe.

**LET US SHOW YOU HOW WE CAN
HELP GROW YOUR WIRELESS NETWORK**

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Terminals

Product Photo	Product Type	Product Features	Product Page
	SFIT Terminal Hand-off Box with LGX	<ul style="list-style-type: none"> • Developed specifically for wireless applications, indoor and outdoor use • Outdoor rated and meets NEMA 3R requirements • Wall, pole, or H-frame mountable 	
	Medium & Large Terminal Hand-off Boxes	<ul style="list-style-type: none"> • Outdoor rated and meets IP67 requirements • Enclosure utilizes UL94-V0 rated plastic with UV protection • Hand hole, pole, or panel mountable • Mounting flanges designed for easy installation and removal 	
	Mini Terminal Hand-off Box	<ul style="list-style-type: none"> • Developed specifically for wireless applications • Corrosion resistant hardware • Hand hole or panel mountable • Integrated slack management clips 	
	FutureLink® Terminal Hand-off Box	<ul style="list-style-type: none"> • Can be mounted on a pole, inside a pole, in a pedestal, on a wall or on strand • Cable stub and non-stubbed designs • SC or LC or HMFOC or MPO options 	
	Power Transition Terminal	<ul style="list-style-type: none"> • Developed for wireless DC power cable transitions • DIN rail mounted terminals • Multiple output options • 1 to 1, 1 to 2, and 1 to 3 configurations 	

Fiber Cable and Assemblies

Product Photo	Product Type	Product Features	Product Page
	QuikPush® Nano Cable Assembly	<ul style="list-style-type: none"> • Pre-terminated – so no field splicing/mechanical termination • Ultra light-weight • Small round concentric design • Up to 12 LC connectors 	
	Single-Mode and Multi-Mode Patch Cords	<ul style="list-style-type: none"> • Simplex, duplex and unicable • Standard or custom lengths • APC or UPC polish and 100% hand tested & guaranteed • Exceeds fiber optic industry standards 	
	FTTA Outdoor Jumper	<ul style="list-style-type: none"> • LSZH outdoor rated cable • LC/UPC connections • Ruggedized dual LC to dual LC • Available in 2, 4, and 6 fiber options 	
	Outside Plant Aerial Fiber Cables All Dielectric Self-Supporting (ADSS)	<ul style="list-style-type: none"> • Small diameter • Lightweight • Easy to handle • Supported by existing poles and hardware 	
	Miniflex® Standard Cable	<ul style="list-style-type: none"> • Fire retardant and UV stabilized • Lightweight/small diameter • Class-leading combination of size, crush resistance, flexibility & fiber density 	
	Miniflex® Plenum Cable	<ul style="list-style-type: none"> • UL 1651 plenum (OFNP) and FT6 rated • Ruggedized microcable • Lightweight • Compact 	
	Miniflex® Riser Cable	<ul style="list-style-type: none"> • UV stable, lightweight and high crush resistance • Best-in-class push/pull and blow-ability • Loose tube cable design • Dry construction (no gel) 	
	Miniflex® Standalone - Riser Microduct	<ul style="list-style-type: none"> • Low Smoke Zero Halogen (LSZH) • High crush resistance • Best-in-class push/pull and blow-ability • Tough yet flexible with a small bend radius 	
	Miniflex® Outdoor Microduct	<ul style="list-style-type: none"> • Features Miniflex® technology • Ultra tough • Class-leading push and blow-ability • Microduct comes with a pull cord as standard 	
	Miniflex® Plenum Microduct	<ul style="list-style-type: none"> • Ultra fire retardant per UL 1666 • Features Miniflex® technology • Ultra tough • Class-leading push and blow-ability 	
	TuffDuct® Direct Buried Microduct	<ul style="list-style-type: none"> • Low Smoke Zero Halogen (LSZH) • High crush resistance • Best-in-class push/pull and blow-ability • Tough yet flexible with a small bend radius 	

Copper Cable and Assemblies

Product Photo	Product Type	Product Features	Product Page
	Hardened Category Cable Assemblies with Ground Wire	<ul style="list-style-type: none"> • Hardened CAT6A cable • Integrated ground wire and strain relief boot • Sizes 5 to 100 ft (1.5 to 30.5 m) • Designed for outdoor ethernet applications 	 SCAN OR CLICK
	50 Ohm Cable Jumpers	<ul style="list-style-type: none"> • Ideal for providing RF connectivity for indoor and outdoor wireless radios and antennas • Available in 0.5 inch and 0.25 inch flexible • Multiple corrosion resistant connector types and orientations 	 SCAN OR CLICK
	UL Control Cable Type TC	<ul style="list-style-type: none"> • 19X tinned stranded copper conductors • PVC/Nylon conductor insulation • Non-insulated 7X tinned stranded ground wire • Sun-resistant PVC jacket with ripcord 	 SCAN OR CLICK
	Hardened Category Messenger Cable	<ul style="list-style-type: none"> • Hardened CAT6A cable • Jumper • F/UTP • Sizes: 25 to 250 ft (7.5 to 76.2 m) 	 SCAN OR CLICK
	Hardened Category Cable	<ul style="list-style-type: none"> • Hardened CAT6A cable • Jumper • F/UTP • Sizes 25 to 250 ft (7.5 to 76.2 m) 	 SCAN OR CLICK
	Perfect Link® CAT6A Cable	<ul style="list-style-type: none"> • CAT6A (500MHz) • 4-pair with pair separator • F/UTP-shielded • Riser-CMR, CMX outdoor, premises horizontal cable 	 SCAN OR CLICK
	Perfect Link® CAT6 Cable	<ul style="list-style-type: none"> • Improved signal strength and crosstalk performance • Enhanced environmental protection • CAT6 4PR U/UTP CMX-outdoor/CMR riser cable • 23AWG 	 SCAN OR CLICK
	Perfect Link® CAT6 Jumpers	<ul style="list-style-type: none"> • CAT6 (350MHz) jumper • Improved signal strength and crosstalk performance • Enhanced environmental protection • Easier termination 	 SCAN OR CLICK
	Perfect Link® CAT5e Cable	<ul style="list-style-type: none"> • Improved signal strength and crosstalk performance • Enhanced environmental protection • Easier termination • CAT5e 4PR U/UTP CMX-outdoor/CMR riser cable 	 SCAN OR CLICK
	Perfect Link® CAT5e Jumpers	<ul style="list-style-type: none"> • Improved signal strength and crosstalk performance • Enhanced environmental protection • Easier termination • CAT5e (200MHz) jumper 	 SCAN OR CLICK

Enclosures and Cabinets

Product Photo	Product Type	Product Features	Product Page
	Mini-FDC 12 Fiber Distribution Cabinet	<ul style="list-style-type: none"> • Up to 144SC / 288LC • Snap-in splitter panel • Wall, pole, pedestal or pad mount 	 SCAN OR CLICK
	MDS-1 Micro Fiber Distribution System	<ul style="list-style-type: none"> • Removable fiber panel • 3U LGX bracket • 1-2 splice tray • Pole, wall and pedestal mount 	 SCAN OR CLICK
	Harmony Edge 2U Edge Server Cabinet	<ul style="list-style-type: none"> • Allows indoor servers to operate in the outside plant • Compact form factor is pole, wall or adjunct mountable • Interchangeable cooling via removable panel • Supports up to two 1RU servers 	 SCAN OR CLICK
	Harmony 4U Pull-Out Swivel Cabinet	<ul style="list-style-type: none"> • Reduced footprint for limited space applications • 4RU pull-out / swivel rack for front and rear access • Available fully integrated - Splice & Play • Indoor and outdoor rated 	 SCAN OR CLICK
	ThermalPro® Access Cabinet	<ul style="list-style-type: none"> • OSP cabinet • 10U - 23U • Single bay • Pad or pole mount 	 SCAN OR CLICK
	ThermalPro® Expanded Cabinet	<ul style="list-style-type: none"> • Full featured and scalable cabinets • Multiple equipment bays and up to two craft bays • Broad selection of options to tailor-fit to any application • Available fully integrated as turn-key solution 	 SCAN OR CLICK
	Wireless Internet Service Provider (WISP) Enclosure	<ul style="list-style-type: none"> • Outdoor rated and designed to meet NEMA 3R • Durable powder coated .125" aluminum enclosure • Flanged for pole or panel mounting • Filtered louvres for optimal ventilation and protection 	 SCAN OR CLICK
	Network Utility Enclosure	<ul style="list-style-type: none"> • Full featured and scalable cabinets • Multiple equipment bays and up to two craft bays • Broad selection of options to tailor-fit to any application • Available fully integrated as turn-key solution 	 SCAN OR CLICK

Fiber Management

Product Photo	Product Type	Product Features	Product Page
	Patch Panel, 3U Swing Out	<ul style="list-style-type: none"> • 19" standard panel (IEC 60297-3) • Angled adapters • Magnet secured front door • High density – 144F in 3U 	 SCAN OR CLICK
	Optiscale™ GEN2 Pivoting Panel	<ul style="list-style-type: none"> • Variants: 1U (standard), 2U or 3U • 48 x SC or 96 x LC ports per 1U • Pivoting design for fast and safe access to connectivity • Variable fiber types and color codes possible 	 SCAN OR CLICK
	Rack Mount Panel 1RU, 2RU, 3RU	<ul style="list-style-type: none"> • Available in 1RU, 2RU or 3RU • Adaptable to 19" or 23" standard racks • Lightweight aluminum construction • Clear plexiglass front cover 	 SCAN OR CLICK

Accessories

Product Photo	Product Type	Product Features	Product Page
	PPC QuikPass™ Fiber Entry Box	<ul style="list-style-type: none"> • Drop cable can enter at rear or bottom of the box • Tamper-resistant front cover • Slim compact profile • Multiple termination options 	 SCAN OR CLICK
	PPC QuikPass™ Window Cutter Tool	<ul style="list-style-type: none"> • Rugged anodized aluminum and stainless steel construction • Safe to use, closed blade operation • Precise, consistent cutting action • Works with Miniflex® 8mm distribution cable/microduct 	 SCAN OR CLICK
	Miniflex® Wall Clips	<ul style="list-style-type: none"> • Compatible with Miniflex® cable and microduct • Includes screws • Self-adhesive pads 	 SCAN OR CLICK
	GPON SFP Transceiver, C+	<ul style="list-style-type: none"> • Optical transceiver module • GPON Class C+ SFP • Launch power ranging from 3 to 5 dBm 	 SCAN OR CLICK
	GPON SFP Transceiver, C++	<ul style="list-style-type: none"> • Optical transceiver module • GPON Class C++ SFP • Launch power ranging from 5 to 7 dBm 	 SCAN OR CLICK
	Dense Wave Division Multiplexer (DWDM)	<ul style="list-style-type: none"> • Available with multiple options, configurations, and form factors 	 SCAN OR CLICK
	Wavelength Division Multiplexer (WDM)	<ul style="list-style-type: none"> • Available with multiple options, configurations and form factors 	 SCAN OR CLICK

Accessories

Product Photo	Product Type	Product Features	Product Page
	RJ45 CAT6 Pass-Through Connectors	<ul style="list-style-type: none"> • 8P8C connector for use with CAT6 • Pass-through design • 23 AWG • UTP 	 SCAN OR CLICK
	RJ45 CAT5e Pass-Through Connectors	<ul style="list-style-type: none"> • 8P8C connector for use with CAT5e • Pass-through design • 24 AWG • UTP 	 SCAN OR CLICK
	Keystone Wall Plates and Accessories	<ul style="list-style-type: none"> • Keystone wall plate, optional 1 - 3 vertical, white • Multiple configurations, keystone, white, optional blank, fiber, phone, category, F-81 	 SCAN OR CLICK
	CableReady® Protective Molding	<ul style="list-style-type: none"> • 26 gauge galvalume steel construction • Indoor and outdoor use • 15 year limited warranty • Full range of protective molding 	 SCAN OR CLICK
	One Hole Offset Clamps	<ul style="list-style-type: none"> • Secure cable runs • Corrosion resistant materials • Accommodates 5/32" to 1/2" cables 	 SCAN OR CLICK
	Feed Thru Bushings	<ul style="list-style-type: none"> • Protect cable entry into subscriber's building • Weather-resistant polypropylene, anti-rotational ribs • Designed to resist moisture migration, natural / translucent or UV-resistant black color options 	 SCAN OR CLICK
	Fiber Handhole Assemblies	<ul style="list-style-type: none"> • Material: UV stabilized polypropylene • Light duty applications • Twist or snap-lock covers to prevent mower damage • Some models include bolts to secure the cover 	 SCAN OR CLICK



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