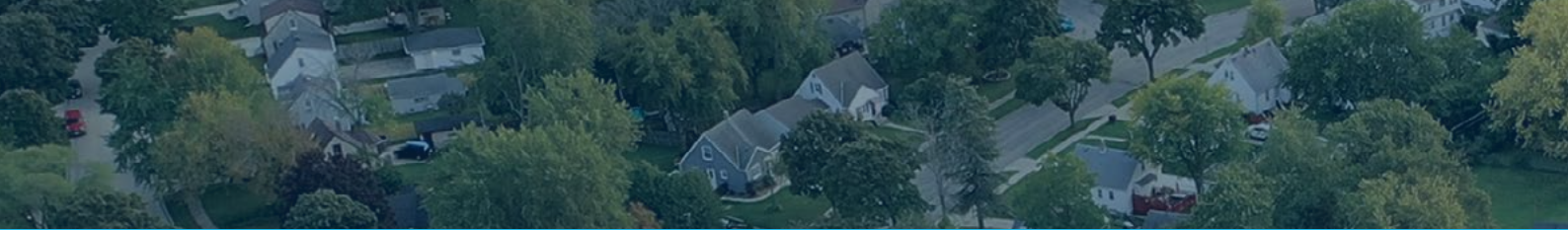


OSP Integrated Street Cabinet Solutions Overview





Who is PPC

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 Fibre 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 Fibre, 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.

PPC's Commitment to Innovation, Value, Quality & Reliability

What Solutions Does PPC Offer



Central Office

Our central office solutions include technologies for Fibre, coaxial and category networks. Among our portfolio solutions are high-density Fibre management systems, optical passive equipment, cable and connectors, transceivers and more



Outside Plant

PPC's outside plant product portfolio consists of a growing range of Fibre and copper products including optical passives, street hubs and cabinets, underground solutions, aerial solutions, hardline connectors and cable, and myriad hardware



Premises

Whether your premises installation is a multi-dwelling unit or single-family home, we have the product solution you need. Choose from entry solutions, Fibre cable and connectors, coaxial solutions, category cable, and more

Where PPC is Located



PPC has state-of-the-art manufacturing locations in the United States, Mexico, St. Kitts, Denmark, Germany, United Kingdom, China, India and Tunisia, servicing customers on six continents.

We also have a dedicated team of customer service representatives and sales team members to provide worldwide support in multiple languages for all regions.

OSP Street Cabinet Solutions

PPC 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.



Passive Cabinets



Active Cabinets



Distribution Cabinets

Core Benefits



- Innovative customised solutions
- Prototyping and custom engineering, scaling to volume manufacturing



- Highest reliability
- Dedicated Project Management



- Excellent quality control and documentation
- PPC controlled environment



- High level of service and technical support
- Deployment guides and videos



- Factory-assembled
- Integration of passive and active equipment



- Future-proof, scalable solutions
- Supports P2P and PON-based FTTx architecture



- Virtual and F2F product showcase
- Local manufacturing



- Wired and metered power supply with acceptance certificate
- Local engineering and design



- Time and cost saving
- Easy deployment



- Everything from a single source
- One part number system Turnkey Solutions

Active MiniPOP Product Demo:



Click / Scan

OSP PON Cabinet Application Overview:



Click / Scan

OSP Integrated Street Cabinets

Features & Benefits

- Cabinet made of Aluminum / Stainless Steel or 100% recyclable Polycarbonate
- Colour options for metal cabinet version
- Factory assembled and Installation ready
- Ability to pre-install / integrate passive and active equipment plus PSU's & heating/cooling elements
- Splice only / Splice and patch
- Splitter integration
- Maximum protection against vandalism and extreme weather conditions
- Multiple cable entry options
- Solid ground base (plinth)
- Bend radius control for all cables and fibres
- Innovative chamber for cable storage
- Optimised fibre / cable management
- Smart Advanced Access and Monitoring Solutions
- Possibility to splice in-vehicle
- Scalable splitter insertion and removal
- Easy access to connectivity
- Fast identification and traceability



MFG8



MFG12



MFG15



MFG18

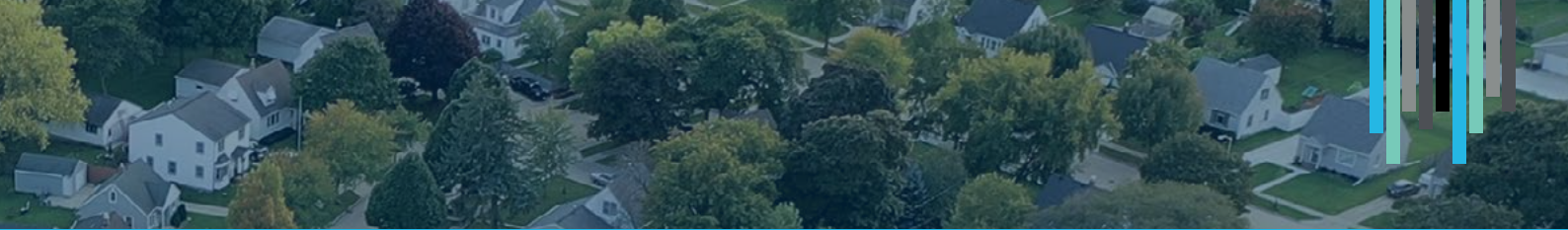


Standard Compliances

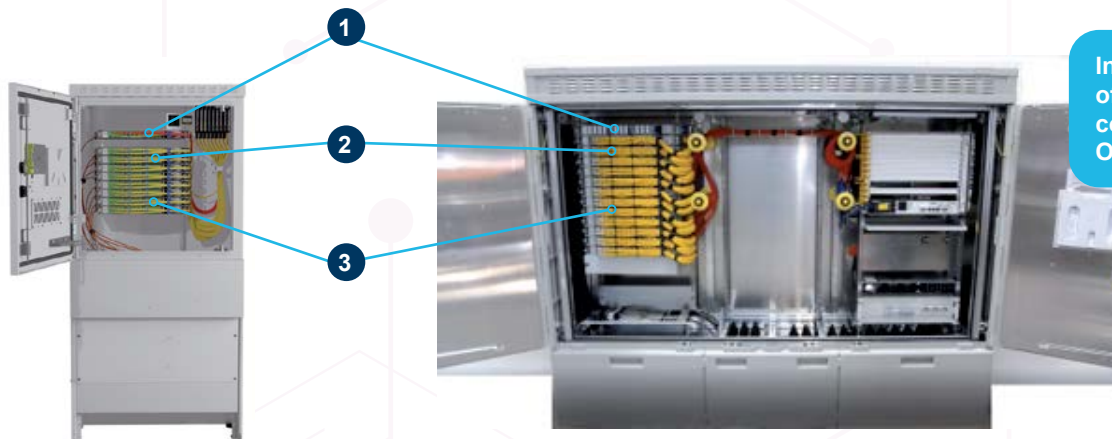
Low-voltage distribution	DIN EN 61439-5 (VDE 0660-600-5)
Resistance to impacts	IK10+ (IEC 62262, IEC 60068-2-75)
Climatic conditions	ETSI EN 300019-1-4 class 4.1E
Degree of protection	IP 55 (DIN EN 60529, VDE 0470)

Mechanical Data

Dimensions without Base (W x H x D)	MFG8: 900 mm x 1199 mm x 430 mm MFG12: 1400 mm x 1600 mm x 500 mm MFG15: 1700 mm x 1600 mm x 500 mm MFG18: 2000 mm x 1600 mm x 500 mm
Capacity	MFG8: 1 x 16 U MFG12 / MFG15: 2 x 21 U MFG18: 3 x 21 U
Construction	Single or Double walled
Material	Aluminum / Stainless Steel or 100% recyclable Polycarbonate
Colours (Metal)	Grey RAL 7035, Anthracite Grey RAL 7016 semi-gloss granulated or Fir Green RAL 6009
Options	Anti-graffiti-coating, transport-hooks, inside light, grounding point, air exchanger, heat exchanger, heating, batteries, power supply, electronic door control, double closing, splice box





OSP Street Cabinet Components

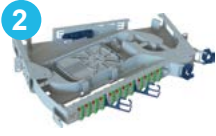





Installation and integration of passive and active components including OLT chassis and PSU





Feeder / Backbone

Product Photo	Product Type	Product Description	Product Page
	Optiscale GEN2 Pivoting Panel	<ul style="list-style-type: none">1U, 2U or 3U, scalable 19" standard panel (IEC 60297-3)48 x SC or 96 x LC ports per 1UPivoting design for fast and safe access to connectivity	 SCAN OR CLICK




Distribution

Product Photo	Product Type	Product Description	Product Page
	Optiscale GEN2 Pivoting Panel for PON Connections	<ul style="list-style-type: none">1U, 2U or 3U, scalable 19" standard panel (IEC 60297-3)48 x SC or 96 x LC ports per 1UPivoting design for fast and safe access to connectivity	 SCAN OR CLICK
	Jumper for P2P Connections	<ul style="list-style-type: none">High quality housings and ceramic ferrulesEasy access to connectors in high-density via push/pull tabLow insertion loss and high return lossCustomised length of assembly	 SCAN OR CLICK








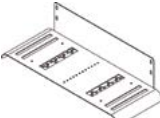
Splitting

Product Photo	Product Type	Product Description	Product Page
	Pivoting Splitter Chassis	<ul style="list-style-type: none">1U, 19" standard panel (IEC 60297-3)Up to 96 PON connections via pre-loaded and pre-patched splitters48 x SC or 96 x LC ports per 1UPivoting design for fast and safe access to connectivity	 SCAN OR CLICK
	USC Splitter Housing Chassis	<ul style="list-style-type: none">2U (Panel 1U, front cable manager 1U), 19" standard panel (IEC 60297-3)Capacity of up to 288 PON connectionsFast and easy front access to all splitter leadsUltra-High Density	 SCAN OR CLICK

Splitting

Product Photo	Product Type	Product Description	Product Page
	USC Splitter Module	<ul style="list-style-type: none"> Available with all type of connectors Capacity of up to 96 PON connections Fast and easy front access to all splitter leads Compact and Ultra-High Density design 	
	PLC Splitter	<ul style="list-style-type: none"> Available with all type of packages and connectors Ultra-broadband performance (1250-1650nm) 1 or 2 input channels and up to 64 output channels Ultra-small, suitable for all applications 	

Supporting Products

Product Photo	Product Type	Product Description
	Jumper and harness solutions for Device Connections	<ul style="list-style-type: none"> High quality housings and ceramic ferrules Easy access to connectors in high-density via push/pull tab Low insertion loss and high return loss Customised length of assembly
	Splice Protection	<ul style="list-style-type: none"> Crimp-splice Protection Recommended crimp thickness: 1.2 mm \pm 0.05 mm Heat-shrink Splice Protection \varnothing 2.5mm type: 45mm or 60mm length, \varnothing 0.5mm: 40mm length
	Cable Storage	<ul style="list-style-type: none"> Various options for overlength storage Horizontal storage panel Vertical storage panel
	Anchor rail (cable support)	<ul style="list-style-type: none"> Cable support for mounting rails Various lengths
	Cable entry plates	<ul style="list-style-type: none"> 2-way rubber grommet or 2-way foam sealing block Various sizes
	DEG (Duct Entry Grommet)	<ul style="list-style-type: none"> 2-way, 3-way or 6-way grommets Rubber (IP55) or retrofit (IP54) grommet
	DEG (Duct Entry Grommet)	<ul style="list-style-type: none"> Installation dimensions: 91 mm x 46 mm (L x W) Various Sealing area diameters
	Bottom cable entry	<ul style="list-style-type: none"> With strain relief





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



Dedicated Fibre termination facilities to support global and local demand



State-of-the-art Telcordia certified laboratory for RF and Fibre 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

