

Wireless Solutions Overview

Macro Cell





PPC® Overview

PPC is an innovative, reliable solutions supplier to next generation wireless and broadband service providers. Over nearly 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.

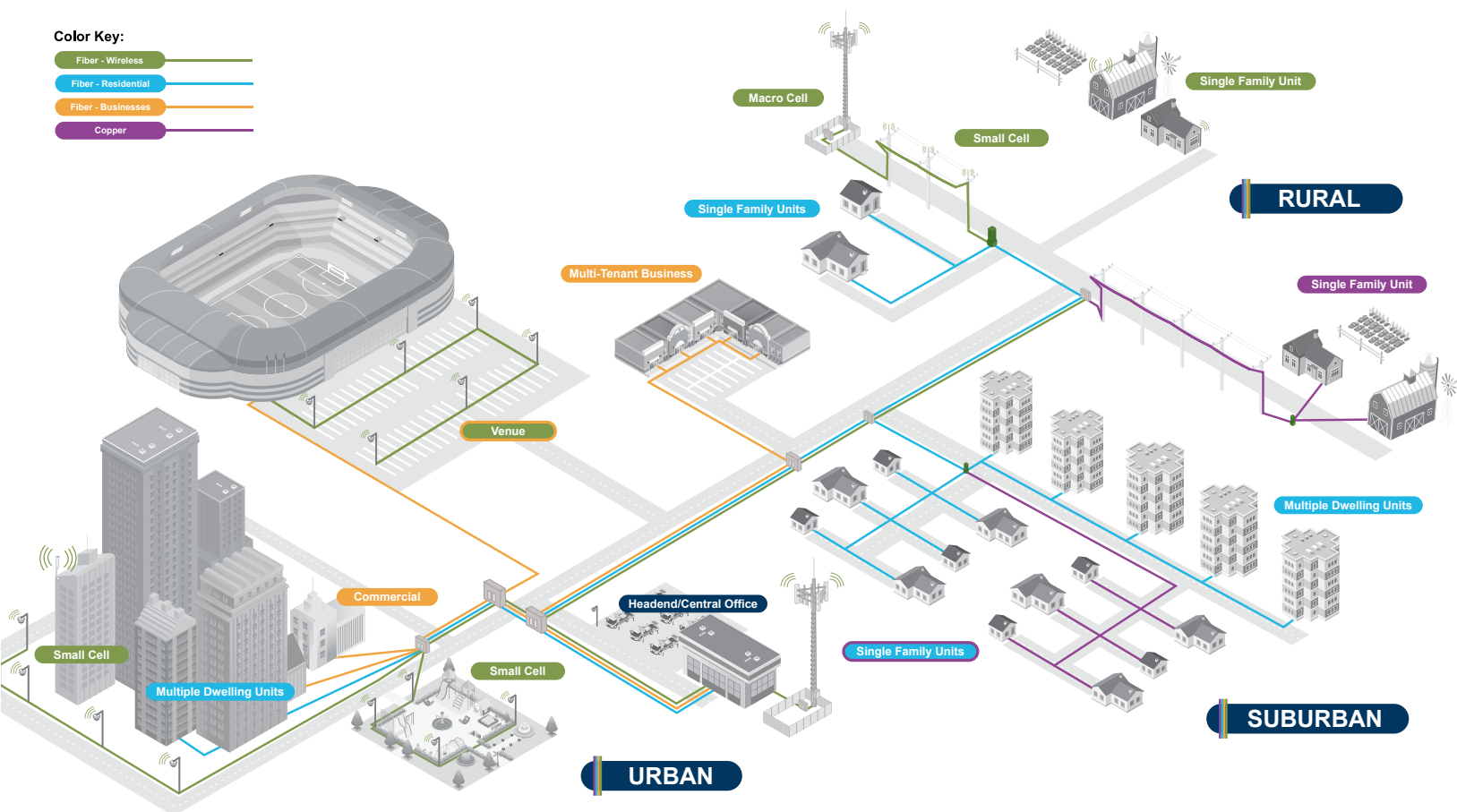
This broad range of solutions encompasses fiber product and copper product portfolios, enabling PPC to support customers regardless of network design, component needs, and future plans. Whether an inside plant application, FTTx architecture, or hybrid network topology, PPC is positioned to equip service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



Network Overview

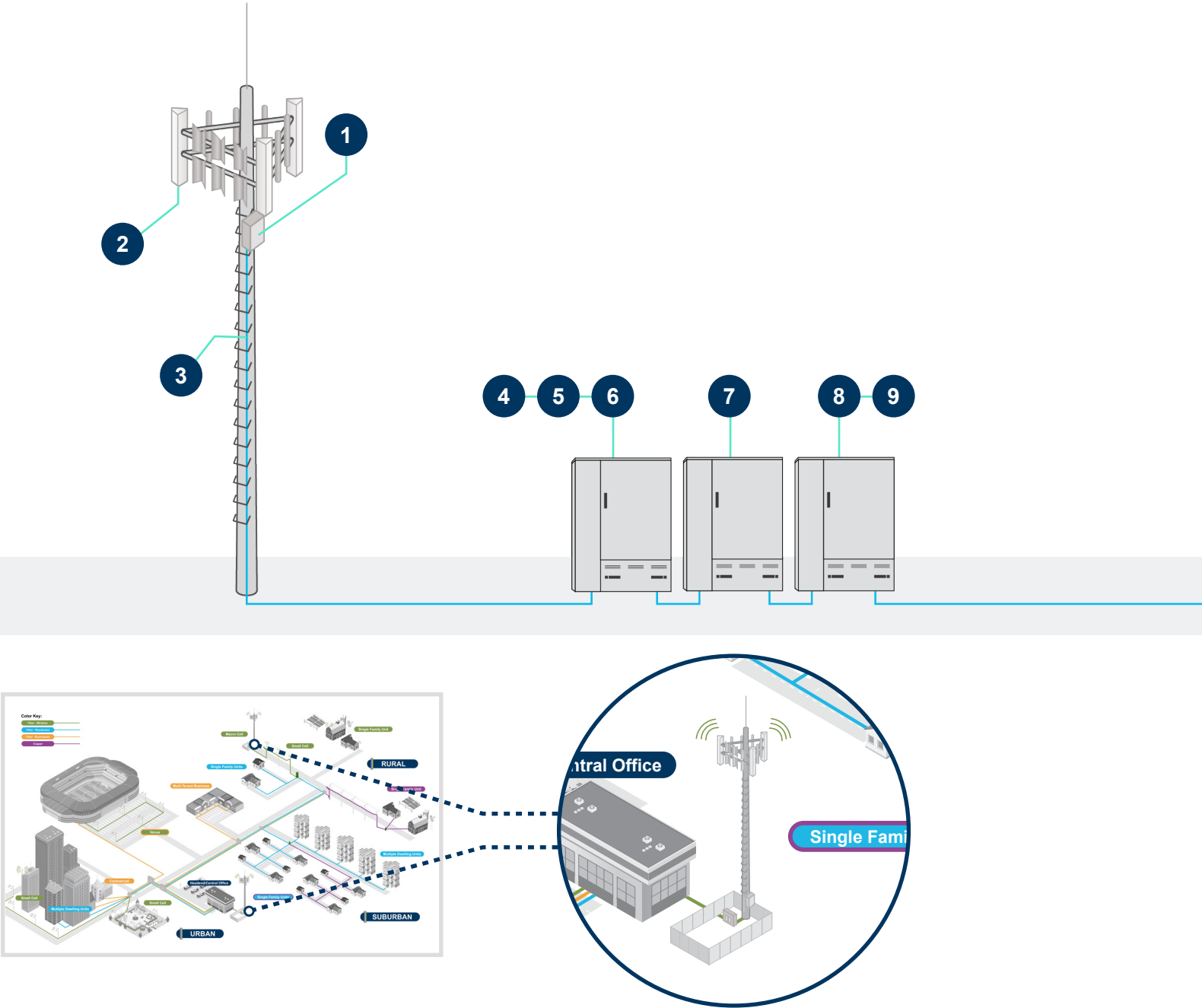
As broadband consumption increases – especially through wireless and mobile delivery – more innovative approaches to network optimization are needed to ensure uninterrupted transmission and bolster upload/download times among service providers. The deployment of 5G and next generation technologies demand a broad range of products to support diverse network topologies and to safeguard reliable, high-speed network performance across the map.

PPC's innovative and vast product portfolio includes a mix of connectors, cable, cable assemblies, cabinets, enclosures, hardware, and integrated options that, when combined, provide a powerful solution built to deliver high performance wireless connectivity required by the networks of today – and tomorrow.



Macro Cell Overview

As the primary delivery vehicle for mobile broadband and wireless connectivity, protecting and optimizing Macro Cell performance is critical to maintaining satisfying network access for millions of people. PPC is a data and telecommunications connectivity leader with a strong track record of craft-friendly designs built to safeguard network activity. Our world-class design and testing facilities allow us to ensure our products meet or exceed the industry’s highest standards. A global supply chain enables us to overcome local and regional disruptions. Together, these abilities mean that PPC is built to deliver premier products that strengthen the most critical part of a customer’s network whenever and wherever the customer need is greatest.



Reference	Product Photo	Product Type	Description	Product Page
1		Fiber Hand-off Terminal	Enclosures designed to be easily configurable and serviced for quick connections to RRH/RRUs, pre-terminated bulkhead for jumper connection and optional HMFOC or blunt fiber ends	
2		Hybrid and Discrete Fiber Jumpers	Outdoor rated multi-fiber jumpers utilized for connections to remote radio heads, numerous connector options available, power delivery conductors can also be included under the same overall jacket	
3		Hybrid and Discrete Trunk Cable	Multi-fiber cable designed for outdoors, additional power delivery conductor options available - pre-terminated and blunt end options available	
4		OSP Enclosures	Multiple enclosure options and sizes for fiber management and slack storage	
5		Fiber Jumpers	Singlemode and multimode assembly options with standard cable jacketing or PPC's ruggedized Miniflex for superior protection, connector options include FC, LC, SC, and ST	
6		Fiber Management and Connection Products	Fiber distribution, splitters, CWDM, DWDM, and WDM products	
7		Integrated Enclosures	PPC's enclosures are customized including options for power management, batteries, climate control, and fiber management	
8		Enclosures	Telcordia GR847 & NEMA 3/4 rugged and configurable solutions for AC/DC power, 4G/5G, LMU, Private LTE/5G, Fixed Wireless, Wi-Fi/WiMAX, BTS, and Centralized BBU/CUs	
9		Ethernet Jumpers	Perfect Link Ethernet jumpers offer multiple color, length, and Category options	



HEADQUARTERS
Syracuse, New York

6176 East Molloy Road
East Syracuse, New York 13057

TEL: 315-431-7200 | FAX: 315-431-7201



ppc-online.com