

Case Study

Deploying PPC QuikPass™ Solution in Brownfield MDU

📍 Maine, USA

📅 February 2024

Background

A condo building owner in Saco, Maine was upgrading the cabling infrastructure from outdated coaxial products to high-speed fiber but had limitations for running the new cabling and installing new connection points.

The building was an old shoe factory that was converted into individually-owned condos, so there was no option to run the fiber cable behind the lathe and plaster walls – it needed to be installed on the surface of the hallway walls while keeping an aesthetically-pleasing look. This is important, especially in open area routing spaces where tenants will be able to see the physical product, rather than hidden behind walls. Another challenge was that the building units were fully occupied, so the less invasive and disruptive the installation, the better.



Products Used

- ✓ PPC QuikPass™ Distribution Cable
- ✓ PPC QuikPass™ Fiber Entry Boxes
- ✓ Miniflex® Wall Clips

Synopsis

Belden and its PPC brand introduced the PPC QuikPass™ solution as an easy-to-install, aesthetically-pleasing option that satisfied the restrictions the building owner faced in an already-existing multi-dwelling unit building.

The Solution

PPC worked closely with GoNetSpeed, a broadband service provider, to develop install plans utilizing our QuikPass™ solution.

“The installation may seem extremely quick and simple, and that’s because it was – that’s how QuikPass™ is.”

William Lester,
GoNetSpeed



The PPC QuikPass™ solution is installed across the ceilings of the MDU building's hallways.

A One-Stop Solution

The QuikPass™ solution is developed to be:

- ✓ Easy to install
- ✓ Robust for the long-term
- ✓ Aesthetically pleasing

QuikPass™ is ideal for many types of multi-unit buildings, whether it's a condo/apartment building, commercial office space, student housing, hotels or hospital for these reasons.



The PPC QuikPass™ solution is minimalistic, allowing for a visually-appealing installation.

Benefits

But it wasn't just about the ease of installation, an additional benefit of the QuikPass™ solution for GoNetSpeed was the robustness of the distribution tube that houses the fragile fiber cables.

Even though the cables were installed in the upper most corners of the hallways, there are always opportunities for them to be bumped by tenants.

The QuikPass™ solution has a greater protection level than other comparable solutions in the market. With the Miniflex® feeder duct, the building owners and service provider will have little to no issues with unintentional cable breakage from furniture, cleaning equipment, and more.



The Install Steps

- ① Connected the fiber cable inside the junction box in the basement of the building.
- ② Deployed multiple runs of distribution cable up a central access and out onto each floor.
- ③ Affixed the distribution cable to the upper corners of the hallway walls using Miniflex® wall clips.
- ④ Spliced the fiber cable inside the fiber entry boxes installed above each unit door.
- ⑤ Continued the fiber cable into each unit and down to a wall plate inside each unit.

"When microduct for each unit was too much for the available riser or chase, the QuikPass™ solution was simple to install, kept fiber cable well protected and provided a quick recovery option by budgeting strand counts."

Steve Bailey, General Manager
SCS Communications

