

Why Choose Proterial Cable America For Cable Solutions?

The Experienced Cable Engineers at PCA Set Us Apart

When trying to choose a provider for your company's cable solutions, there are a lot of factors to consider, but the quality and reliability of the cables you are buying should be right on the top of your list.

At Proterial Cable America (PCA), the [cable solutions](#) Engineering team stands out as skilled, passionate and experienced. With decades of knowledge in the wire and cable industry, our Engineers have helped make PCA a trustworthy manufacturer of technologically advanced wireless, copper and fiber optic cables for telecommunications and data transmission. Simply put, our products perform and stand the test of time, and it's our Engineers that make that happen.

Meet the Team

PCA's [Cable Solutions](#) Engineering division is broken down into four business units operating out of our Manchester, New Hampshire location—Cu Premise Cables, Fiber Optic Cables, Wireless Cables and Specialty Cables. Each unit has a subject matter expert assigned to it, and truly what sets PCA apart is the team's collective knowledge.

Eduardo Garza, Director of Product Engineering

Having a good leader is key to making sure everything from dependable fiber optic cables to innovative wireless parts are constructed with a high degree of efficiency while also maintaining an elevated level of quality. Eduardo oversees everything the cable solutions Engineering team does at PCA and his fellow engineers are glad to have him setting the bar.

“He’s an amazing leader,” PCA Engineer Henry Rice says. “The best I’ve ever worked for. He’s a strategic planner and he’s calm, cool and collected.”

Eduardo has worked for PCA for 18 years, and through his leadership, the team has the right people in the right places to create a culture of accountability and success.

“The Principal Product Engineers work very well as a team because they complement each other,” he says. “They are very skilled, so being able to share their knowledge with the experts from different cable business units that target different markets is certainly a major advantage for us.”

Ken Davis, Principal Product Engineer - Wireless

Ken Davis has worked in wire and cabling for 31 years. For the last 25 of those years, he has worked at PCA. In charge of the wireless products business unit, Ken is a problem solver, finding creative solutions for any issues that pop up while helping guide the manufacturing process.

“Ken’s broad cable knowledge, meticulous attention to detail as well as his ability to thoroughly and clearly explain a particular situation is legendary within PCA,” Eduardo says.

Ken is proud of the work he does at PCA, noting the unique ability the company has to follow the manufacturing process from beginning to end.

“We are vertically integrated, which positions PCA to successfully support the evolving Wireless market. Fiber and DC Power design along with complete manufacturing, under

one roof,” he says. “This allows PCA to control the process from start to finish. No specification—no worries, provide a description and we can design it, build it, perform full Environmental Testing and deliver a quality solution every time.”

Tom Roy, Principal Product Engineer - Specialty

Many product orders at PCA come in for a specific part in a specific unit like fiber optics or premise cabling. But some orders require custom work within one of those units that needs special attention. Tom Roy and the Specialty business unit tackle these projects so that we give each customer the attention they deserve.

“Tom’s range of experience with numerous cable types that target multiple industries is extraordinary,” Eduardo says. “In addition, his calm demeanor and his ability to dissect any given technical challenge is exactly what is needed in the Specialty business unit”.

Tom has worked at PCA for 8 years, but has 43 years of experience in the wire and cable field. Having an Engineer to turn to when a problem needs such a specific solution isn’t only helpful, it’s something PCA considers essential for our customers.

Henry Rice, Field Applications Engineer – Fiber Optics

Fiber Optics is an ever-growing field that requires someone who is highly knowledgeable and detail-oriented. Henry is that person at PCA.

“Besides being the optical fiber pundit in the plant, Henry’s main ability is his flexibility to go from dissecting very specific problems/hurdles to being able to look at the bigger picture to ensure the best outcome for the company,” Eduardo says. “When you combine this with a genuine care for the well-being of the company and its people, you have a winning solution”.

Henry has worked at PCA for nearly 10 years, but he has worked in wire and cable for 28 years. When prospective customers have a question for the Engineering department, Henry is the person that responds, always quick to share our ability to help.

Jacob Savoie, Principal Product Engineer - Premise

Jacob Savoie is the Principal Product Engineer for Cu Premise cables at PCA, where he has worked for the last 6 years.

Premise cabling refers to cabling within buildings, and the most widely used form of cabling in premise is copper. Jacob makes sure PCA is efficiently manufacturing reliable and top of the line copper cable, a role he excels in.

“Jacob’s ability to understand and master new concepts and ideas is what has propelled him to excel in a relatively short amount of time,” Eduardo says. “He is a bright Engineer with ambitious goals, perfect recipe for success”.

What Products do Our Cable Solutions Engineers Work on?

PCA’s cable solutions department makes Cu Premise cables, Fiber-optic cables, Wireless cables, and Specialty cables for our customers. This diverse range of products meet industry standards and are reliable for any data communications needs necessary.

Premise Cables

Taking advantage of the capabilities of our modern facility, we stay up to date on the latest equipment and technology so our data transmission applications such as Gigabit & 10 Gigabit Ethernet are all [top of the line](#). We manufacture our [premise cables](#) with the best & most consistent materials and put them through intensive quality control measures so they will be able to stand up to even the harshest environments, indoor and out.

Fiber Optic Cables

We pride ourselves on our long history of [fiber optic cable manufacturing](#). We use state-of-the-art machinery to ensure glass fiber is protected while line speeds are optimized. We can offer everything from [simplex fiber constructions to large, armored multi-fiber cables](#).

Wireless Cables

The Cable Solutions division offers a variety of cables for [Distributed Antenna Systems](#) (DAS) to enhance 4G LTE and 5G connectivity in large spaces like campuses or stadiums. In addition, PCA offers cables for Fiber to the Antenna (FTTA) and Class IV, Fault Managed Power solutions. Here are some of the offered selections:

- Hybrid Trunk (Cell Tower)
- Hybrid Jumper
- Hybrid DAS / Class IV
- 600V DC Power
- Fiber Optic

Specialty Cables

In addition to all of the typical requests, PCA also provides reliable [specialty cable](#) solutions that meet industry standards. Whatever your specific needs, we can provide internal equipment connections delivering power and data transmissions.

Carrying our Experience into the Future

While our cable solutions leadership team has a high level of experience, they're also preparing for the future by training the next generation of PCA Cable Solutions engineers.

“The department has the most knowledge regarding wire and cable within the company, so it is important that as the team grows older we have people who can fill in their shoes as they retire. We currently have a good combination of veteran, seasoned and new Engineers,

so it is in our best interest to ensure we hire the correct people to perpetuate the knowledge that has been created,” Eduardo says.

Work at Proterial Cable America

[Click here](#) if you are interested in working with and learning from our talented group of engineers.

We offer opportunities in both [New Hampshire and Rhode Island](#) and applicants can expect a collaborative work culture and the chance to make an impact in a supportive and innovative environment.