

# Proterial Cable America, Inc.

## Case Study:

**UAB** THE UNIVERSITY OF ALABAMA AT BIRMINGHAM.

## Enhancing UAB Infrastructure with Proterial Cable America (PCA)

Over the past few years, the [University of Alabama at Birmingham \(UAB\)](#) has depended on PCA for high-quality and reliable ethernet cables to support their growing student population's internet needs, data bandwidth, and security cameras for new or upgraded infrastructure projects.

Chris Waddell, Telecom Engineering Manager, has been responsible for UAB IT infrastructure updates over the past 9 years. Waddell oversees all network-related projects the university undergoes and is the key decision-maker when choosing manufacturers and components for these projects.

“UAB is constantly expanding and renovating,” Waddell says. “Updates aren’t stopping anytime soon.” He mentioned that whenever a new project or renovation is open for bid at the university, he relies on companies that consistently deliver good quality products at fair prices.

**“Proterial makes an excellent product and I’d compare it against any competitor. PCA cables are reliable, and UAB has not experienced any cable operation failures that would require cable replacement.”** Waddell adds.

## PCA Provides A Lifetime Warranty

Prior to planning a new project or building upgrade, a spec list is created. PCA is consistently included on the bid list because Waddell appreciates the quality and price of PCA’s cable.

In recent years, bids for UAB projects have required electrical contractors or certified installers to install [Category 6A](#) cables. **“Most of the time when a contractor doesn’t know which cable to use, they ask,”** he says. **“I tell them to put in Proterial.”**

Waddell mentions “When Cat 6 cable is installed, it supports 1G to the desktop. **Installing Cat 6A ethernet cable increases support to up to 10G to the desktop, which is why more and more buildings at UAB are upgrading to Cat 6A.”**

With an open architecture solution, PCA also provides warranties to most connectivity partners. Waddell emphasizes that **“the warranty is always important when deciding which cable to use.”**

In fact, Waddell said that **“PCA’s lifetime warranty allows me to be flexible when sourcing copper connectivity components from different manufacturers”**. He noted it as one of the main reasons he prefers PCA products.



## Where is UAB using PCA Cables?

At UAB, Category 6A cable ([Cat-6A](#)) serves multiple purposes for the student body. It is primarily used for indoor and outdoor PoE devices such as IP cameras, wireless access points, printers, fax lines, VoIP phones, and computers.

PoE, or [Power over Ethernet](#), refers to a single cable that supplies both power and data over a Category 3 cable or higher type cable.

Over the past 9 years, Proterial Cable America Ethernet cables have been installed at UAB in the following campus buildings:

- McCallum Basic Health Sciences Building
- Altec/Stylsinger Genomic Medicine and Data
- Spain Rehabilitation Center
- Science and Engineering Complex
- New Student Organization Facility
- UAB Early Learning Center
- 14th Street Parking Deck
- New Cooper Green Clinic

## Let Proterial Cable America Help You Too!

At PCA, we pride ourselves on the quality, price and availability of our products.

**“UAB has received exceptional customer support from the PCA team. Their customer support has always provided solutions to any questions.”**

Waddell closes with.

If you are looking for an established and reliable cable provider, [let Proterial Cable America help you](#) the way we've helped the University of Alabama at Birmingham for almost the past decade!

Click to learn more about Proterial Cable America's [product portfolio](#).

