“We’ve worked with Siemon for a long time, and any time I have questions, they get answered quickly. The Z-PLUG gland solution for our outdoor WAPs was a prime example of this customer service.”

– Andrew Abernethy, Network Technician, UNC Charlotte
The solution ultimately allowed the University’s ITS team to easily connect the outdoor WAPs, maintain protection of the connection and still achieve the category 6A performance they needed for adequate throughput. The same solution was also used for WAPs located in harsh environments, such as pool areas and locker rooms subject to moisture and humidity. UNC Charlotte now has approximately 250 outdoor WAPs to deliver ample coverage for today’s students to remain connected wherever they are on campus.

Siemon’s patented Z-PLUG field-terminated plug offered UNC Charlotte a quick, reliable high-performance field termination for custom length patch connections to WAPs. Z-PLUG exceeds all category 6A performance requirements to easily support the latest high-throughput, high-efficiency Wi-Fi applications. It also terminates to shielded and UTP, solid and stranded cable in conductor sizes from 22 to 26 gauge – all with a single part number, making it easy to create a variety of patch cords for different applications, as their software provider. The next step is for Siemon to be the go-to choice for their structured cabling for security equipment installation projects making us a household name when it comes to connecting security equipment, ultimately leading to more sales opportunities.

The shorter plug design with rounded edges makes it ideal for connecting to devices with limited space, and the user-friendly Z-PLUG termination tool and intuitive hinged lacing module eliminates cable feed through and enables best-in-class termination speed and repeatable performance. “We find the Z-PLUG to be much easier and more cost-effective than standard crimp-on plugs, and while we primarily use them for the access points, anytime we need a direct connection to an IP camera, access panel or other device, it’s a simple solution for bringing a category 6 or 6A connection straight into a device or piece of equipment,” say Abernethy. “We’ve worked with Siemon for a long time, and any time I have questions, they get answered quickly. The Z-PLUG gland solution for our outdoor WAPs was a prime example of this customer service.”