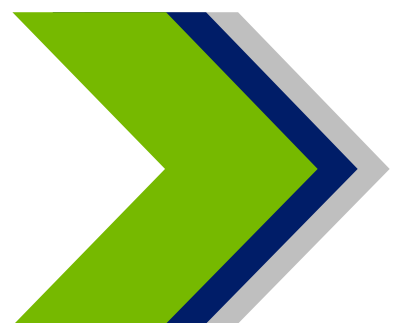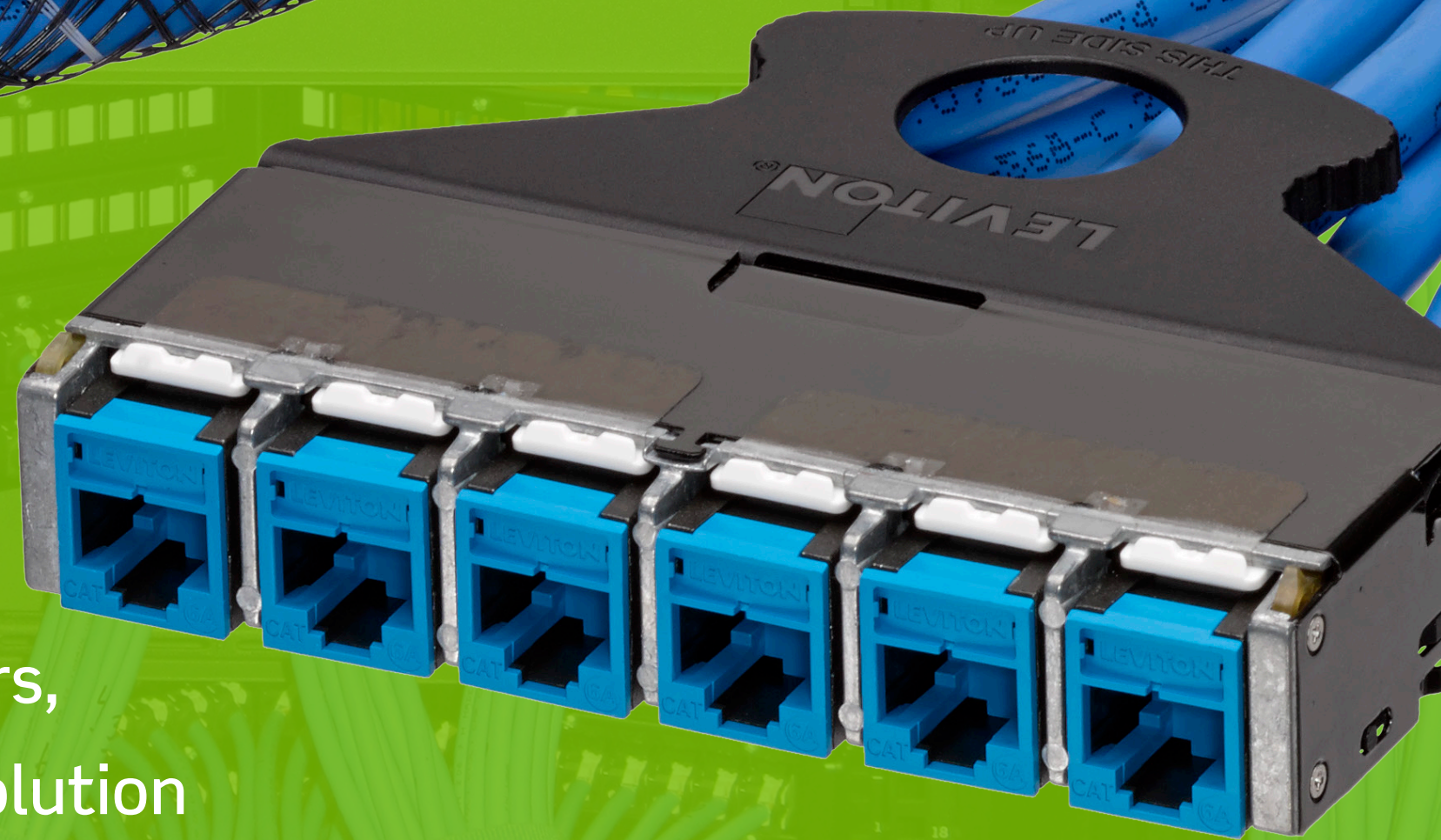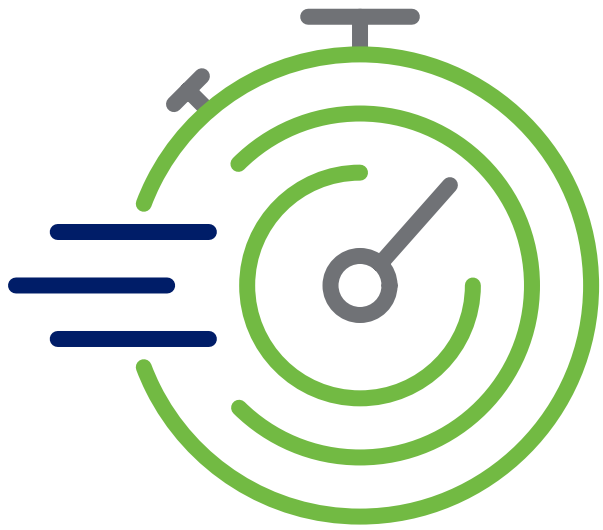LEVITON®

6 ADVANTAGES
of Pre-Terminated Copper Trunks

Copper trunks are typically comprised of bundles of 6, 8, or 12 cables. In recent years, they have become a popular solution in the horizontal distribution area (HDA) to connect switch cabinets to server cabinets, and in the zone distribution area (ZDA) to run from the HDA to zone boxes. When compared to field-terminated cabling, **there are many reasons to consider pre-terminated category-rated copper cabling.**
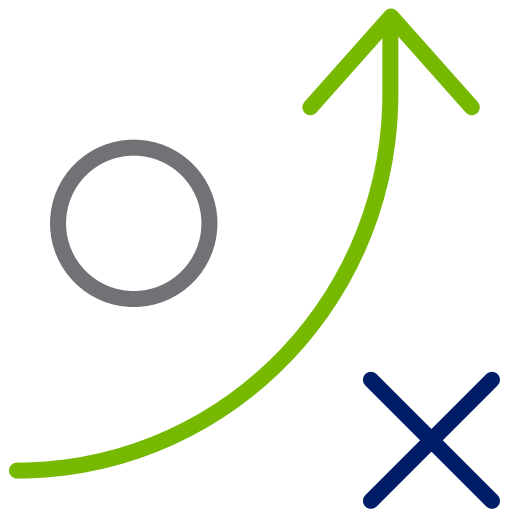
LEVITON®

Increase Speed of Deployment

Field termination is the most time-consuming, labor-intensive part of the cable installation process. Once pre-terminated cabling is delivered, it can be unpacked and connected quickly. In many cases pre-terminated cabling can cut installation time by up to 75 percent over field terminations.

LEVITON®

Remove the Need for Transmission Performance Testing

With pre-terminated assemblies, transmission testing of assemblies is performed by the manufacturer before shipment, and test reports are included with the assemblies. These reports include test results for attenuation, propagation delay, near end and far end crosstalk, alien crosstalk, and more. Ultimately, only continuity testing is left to perform in the field, reducing the time spent testing on-site.

LEVITON®

Reduce Downtime with Faster, More Flexible MACs

With pre-terminated solutions, data center managers can make changes quickly based on network growth, business decisions, or shifting requirements. In disaster recovery situations that call for fast, temporary data communications set-ups, pre-terminated cabling can minimize business downtime and establish communications quickly.

LEVITON®

Avoid Time-Consuming Rework

Pre-terminated cabling removes one of the largest risk line items for a contractor by essentially eliminating termination rework from the project. Precision factory-termination processes take place in an environment that is controlled, documented, and archived, to prevent end-user issues, unlike termination in uncontrolled field conditions.

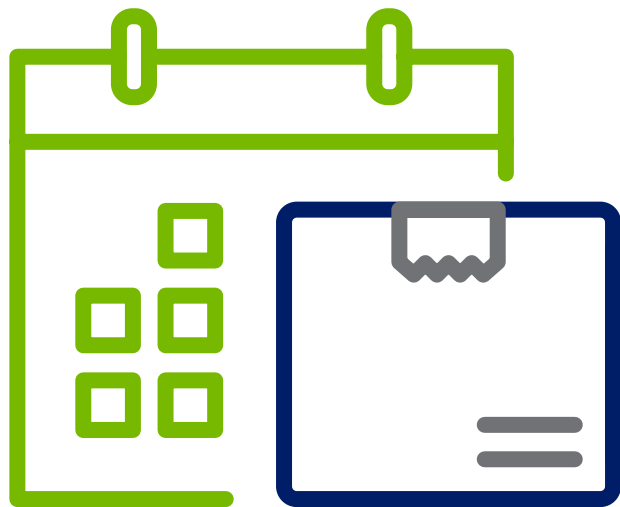LEVITON®

Improve Cable Management

Pre-terminated trunk cables contribute to data center modularity and consistency, making cabling more accessible and organized. Pre-terminated solutions are ideal for data centers designed with consistent distances between cabinets and rows. Additional features from the manufacturer, such as a braided sleeve binding or a pulling eye can ensure a snag-free installation.

LEVITON®

Cut Clean-Up Time

Pre-terminated solutions allow for quick clean-up due to minimal leftover materials and scrap. Also, because there is less waste and material to clean up, pre-terminated solutions also help meet green design, waste reduction, and material reuse goals.

LEVITON®

Plan Ahead

Although it does not require as much time - or as many installers - in the field, pre-terminated cabling does require more upfront planning. A thorough, detailed analysis of the overall architecture, cabling media, pathway systems, elevations, and rack-level details, is vital to establish the cabling, termination routes, and lengths needed along cable trays and in cabinets. Also, it is crucial to plan with the understanding of the customer's unique requirements for scalability, density, manageability, and deployment schedules.

LEVITON®

What to Expect From a Pre-Terminated Cable Manufacturer

Be sure to use a reliable provider that can offer services such as, guaranteed cabling and system performance, design assistance, and the capability to support large quantities of assemblies in the required delivery window.

Leviton pre-terminated copper assemblies are engineered, manufactured, and tested in our US and UK facilities to exceed performance expectations under real-world conditions.

We also check and evaluate millions of data points submitted by our certified contractors every year, confirming that factory-terminated and tested products meet critical performance standards.

Customize your copper trunk at Leviton.com/configurator.

6 Advantages of Pre-Terminated Copper Trunks

LEVITON®