



DATA CENTER

# Data Center Solutions

Innovation to scale up, scale out and scale across

**COMMScope**<sup>®</sup>  
an Amphenol company

# CommScope is on a mission to unlock the potential within your data center

Not since the birth of the commercial internet has the world experienced a technology revolution like the one currently transforming the modern data center. New architectures and infrastructures designed to boost compute power are driving a rapid evolution toward higher speeds, greater bandwidth, rising density and shrinking latency to deliver on the promise of emerging data center applications.

Regardless of application, all data centers now face urgent decisions in their migration paths. While hyperscale AI factories are the evolutionary vanguard, no data center application is left unaffected. Whether AI, cloud, enterprise, multi-tenant or central office, your data center is in a race against time, cost and complexity as operators seek the best ways to scale up, scale out and scale across.

**That's where CommScope's Data Center solutions can make all the difference.**

## INNOVATION THAT DELIVERS—AT SCALE

CommScope is the go-to provider for fiber-optic infrastructure solutions for data centers all over the world. A culture of innovation and real-world problem-solving is visible in every solution we make, with global manufacturing capacity that helps enable fast delivery of the advanced solutions operators need, in the volumes needed to meet your demanding deployment deadlines.

## WHO WE ARE

CommScope includes 20,000 leaders, innovators, manufacturers and support staff operating in 150 countries worldwide across 5 regions.

For 50 years, we have designed and built the networking solutions that have helped set the standard for performance and efficiency.





# The comprehensive portfolio advanced data centers need

For decades, CommScope's Data Center solutions have covered virtually every cable, connector and panel found in the data center. Our innovative designs are built to offer maximum flexibility and scalability to keep pace with your shrinking technology cycle, with less rip-and-replace waste.

CommScope's comprehensive product portfolios include:

- Fiber panels and modules
- Optical distribution frames
- Fiber-optic cable and cable assemblies
- Cable management solutions
- Building entrance solutions
- Copper connectivity solutions

CommScope fiber portfolios meet or exceed existing industry performance standards, so you can scale up, scale out or scale across—without compromise.

## EMPOWERING AI MANAGEMENT IN ALL KINDS OF DATA CENTERS

The growing influence of AI is not limited to hyperscale AI factories. AI management is increasingly part of enterprise, multi-tenant and central office environments as well—and that involvement is growing as AI applications make their way to the network edge in these applications.

The GPU clusters that power AI applications require super-high-density fiber connectivity—and CommScope specializes in the fiber infrastructure that simplifies configuration and integration.

# Solutions that actually solve

A relentless culture of innovation, adaptation and problem-solving has given rise to CommScope offering some of the most advanced data center infrastructure solutions available today, including these lead product portfolios.

## Rapid Fiber Connect™ rack-scale, plug-and-play platform

Purpose-built for ultra-dense AI data centers, scale-out networks can expand quickly and confidently with this high-density solution designed for 72-GPU rack-scale systems. Built to enable off-site configuration and rapid roll-in, the Rapid Fiber Connect platform reduces assembly time, with fewer connections and less chance for error.

## Propel® high speed fiber platform

The Propel platform is an end-to-end ultra-low loss modular structured fiber platform built to enable 400G, 800G, 1.6T and beyond. Adaptable, scalable and reliable, the Propel platform delivers high-density connectivity in a simpler, easier-to-manage infrastructure that evolves with your data center's needs.

## Data center cable assemblies

CommScope offers a complete line of fiber distribution assemblies, patch cords, pigtails, MPO cable assemblies, drop cable assemblies and reference test assemblies—all factory-connectorized for optimal connectivity performance in any application.

## FiberGuide® fiber raceways

Whether you are scaling up, out or across, the one certainty is the need for more fiber and more efficient fiber cabling management. The FiberGuide fiber raceway solution is the go-to choice for all kinds of data centers for its flexibility, scalability and solid protection of cabling infrastructure.

## Propel XFrame® optical distribution frame

A radical departure from rigid and proprietary frames, the Propel XFrame solution is simple, streamlined and agile, enabling faster, more flexible deployment and management of high-density ODFs while optimizing your data center space and internal resources.

## FACT® optical distribution frame

CommScope's FACT solution is a compact, modular, high-density, fully front-accessible optical distribution frame (ODF) that accelerates deployment, maximizes density and flexes to support growth of fiber infrastructure with plug-and-play connectivity.

## CommScope XPND™ fiber panels

The CommScope XPND™ portfolio empowers service provider networks to leap into tomorrow. Its modular, customizable design makes it easier to scale, change and reconfigure high-density fiber connectivity as needed—protecting your investment in passive infrastructure.

# A company and a culture committed to your success

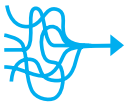
CommScope has been a trusted leader in the data center industry for decades because we're committed to meeting our customers' challenges—questioning assumptions, going back to the drawing board, and finding smarter ways to get the job done. Not only in regard to the technology itself, but also to support customers' processes and business models. Everything we do, we do with operators' priorities in mind:



**Innovation.** We don't just keep pace with evolving standards, we help set them—and, often, we're at the table when standards are being defined.



**AI implementation.** CommScope's best experts bring their best thinking to bear as all kinds of data centers discover new ways to implement AI applications across their networks.



**Simplicity.** Data center networks are getting larger and denser, and CommScope builds solutions that reduce complexity wherever possible to boost efficiency, reliability and economy.



**Capacity and scale.** CommScope's growing global manufacturing footprint makes CommScope uniquely capable of quickly delivering our most advanced solutions, at scale, all over the world.



**Deployment speed.** We design solutions that enable off-floor or off-site configuration, so our customers can roll in new racks in record time and put those assets to work faster.

## Discover the full potential of your data center with CommScope

The pace of evolution in the data center isn't slowing down. Get ahead of the curve with CommScope's Data Center solutions—and put our best innovation to work for you. Learn how CommScope can help you unlock the potential within your data center by contacting your CommScope representative today.

### GET THE EXPERTISE BEHIND THE SOLUTION WITH COMMSCOPE SUPPORT

CommScope solutions come with CommScope insight, expertise and support, including:

- A global channel network of trained, certified distributors and partners
- The global Technical Assistance Center (TAC), providing answers and guidance on CommScope's Data Center solutions by phone or email
- Access to CommScope's top engineers and product managers
- 25-year Warranty and Application Assurance on many solutions

# Fiber evolution to drive your AI revolution



At the furthest frontiers of innovation, CommScope Data Center solutions are committed to helping our partners and customers think bigger, build better and evolve smarter in their AI, cloud, multi-tenant, enterprise and central office data center connectivity strategies. As the collaborative, go-to authority for high-density, low-latency fiber-optic infrastructure, CommScope Data Center Solutions helps the world's networks scale up, scale out and scale across.

With the global manufacturing capacity to meet customers' ambitious growth, our innovative solutions help conquer network complexity, accelerate deployments and deliver long-term evolutionary performance. Together, we help operators stay ahead of evolving AI applications and increasing demands.

For more information visit our website,  
[www.commscope.com/solutions/data-center/](http://www.commscope.com/solutions/data-center/)

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