

PRODUCT SOLUTIONS BRIEF
COMMSCOPE

DATA CENTER NETWORK MIGRATION



Through our strong global partnerships and alliances with manufacturers such as CommScope, we are able to present you with the following offering to meet your specific data center requirements.

NG4access ODF Platform Featuring Quareo Technology

CommScope's NG4access optical distribution frame (ODF) featuring Quareo technology (QNG4) platform was built from the ground up to provide superior access to high-density fiber terminations. With innovations such as CommScope's access trays, universal adapter packs, cabled modules and MPO modules, installing and maintaining large amounts of fiber can be done faster, easier and less expensively than any previous ODF solution available on the market.

CommScope's QNG4 frame delivers the crucial elements of fiber cable management: connector and cable accessibility, bend radius protection, cable routing paths and physical protection. If these elements are executed correctly, the network can deliver its full competitive advantages.

CHALLENGE SOLVERS

Connector and cable access – accessibility is improved with the QNG4's craft-friendly access trays, shortening network reconfiguration time, which improves operational costs and network reliability.

Mitigate network outages – the Quareo-enabled NG4 provides the ability to know, in real-time, when and where physical connectivity changes take place in the network, allowing the network physical layer to have the same visibility as other OSI network layers.

Cable routing paths – the QNG4's frame provides routing paths that are clearly defined and easy to follow—leaving no room for guesswork, which helps technicians easily trace and locate fibers.

THE ANIXTER APPROACH

High-Performance Structured Cabling

• **Network flexibility**

Apply designs to accommodate your performance requirements and highly scalable network architecture demands.

• **Density demands**

Deploy scalable designs that accommodate for uncertain density requirements.

THE COMMSCOPE SOLUTION

ENABLED HARDWARE

CPID cables
 Copper and fiber panels
 Fiber frames

ENABLED SOFTWARE

Quareo software
 Quareo middleware
 Quareo mobile

ENABLED NETWORK

Main distribution area
 Trunk cabling
 Equipment area
 Entrance facility



The NG4access Optical Distribution Frame provides fiber termination density and outstanding circuit accessibility

COMMSCOPE®

WHAT WE HEAR

Data center stakeholders are dealing with a variety of challenges:



AMORTIZATION of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



SPEED of deployment



Pace of **INNOVATION**, adoption

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Infrastructure as a Platform
 by Anixter

Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance computing demands of your data center.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Frame
- Adapter packs
- Copper and connectivity
- Accessories

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- CommScope FiberGuide®
- Racks and cabinets
- Copper and fiber connectivity
- Copper and fiber test equipment

DEPLOY

Controlled, repeatable solutions delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

QNG4ACCESS ODF PLATFORM FEATURES

✓ MAXIMUM DENSITY

- The frame holds six universal chassis.
- The chassis supports up to 576 (LC) or 288 (SC) connections.
- 1.2 mm microcable patch cords are available.
- Abundant trough space minimizes fiber pileup and congestion.

✓ INCREASE SPEED OF DEPLOYMENT

- LC and SC cabled modules are preterminated with IFC cable or 24-fiber microcable.
- It offers LED guidance for work order accuracy and efficiency.
- Equal access is provided to connectors and cable on the front and rear sides of the frame.
- It automatically discovers, inventories and documents physical layer connections.



LED guidance for work order accuracy and efficiency

> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPCOMMSCOPE](https://www.anixter.com/shopcommscope)

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For over 30 years, Anixter has been the leading global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

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