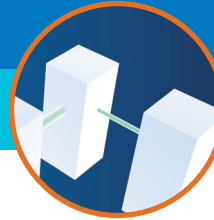


PRODUCT SOLUTIONS BRIEF
COMMSCOPE

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.

LazrSPEED® WideBand Multimode Fiber (WBMMF OM5)

CommScope's LazrSPEED WideBand OM5 Multimode Fiber meets the challenges associated with escalating data rates and the ongoing need to build cost-effective infrastructure that can support bandwidth needs today and in the future. The cabling OM5 solution enhances the ability of short-wavelength division multiplexing (SWDM) technology to provide at least a four-fold increase in usable bandwidth while maintaining compatibility with OM3 and OM4 fibers and supporting all legacy multimode applications.



WBMMF cabling solutions enhance the ability of short-wavelength division multiplexing (SWDM) technology to provide at least a fourfold increase in usable bandwidth.

CHALLENGE SOLVERS

- LazrSPEED WBMMF expands the specified high-bandwidth operating wavelength spectrum from a single wavelength at 850 nm to a range of more than 100 nm for increased infrastructure capacity.
- Enhanced SWDM technology's capability to transmit 40G and 100G over a single pair of fibers greatly simplifies the upgrade process.
- LazrSPEED OM5 can be deployed as part of an intelligent solution with imVision.

THE ANIXTER APPROACH

- **Network flexibility**
Apply designs to accommodate your performance requirements and highly scalable network architecture demands.
- **Media selection**
Choose the appropriate cabling media from twisted pair, optical fiber and direct attached to address high-speed bandwidth requirements.
- **Cabling topology**
Determine the right choice for your computing requirements with careful consideration for end-of-row (EoR), middle-of-row (MoR), top-of-rack (ToR) or centralized cabling architectures.
- **Density demands**
Deploy scalable designs that accommodate for uncertain density requirements.

THE COMMSCOPE SOLUTION

TRUNK CABLE	MODULES	OPTIONS
LazrSPEED OM3, OM4 or OM5 fiber TeraSPEED OS2 fiber	InstaPATCH 360 G2 ULL	Arrays Fanouts

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COMMSCOPE®

WHAT WE HEAR

Challenges from various data center stakeholders:



AMORTIZATION of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



SPEED of deployment



Pace of **INNOVATION**, adoption

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.

- Fiber type
- Jacket material
- Interface
- Environmental space
- LL or ULL

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Adapters
- Connectors
- Patch cords
- Pigtails

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

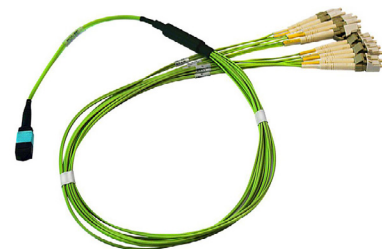
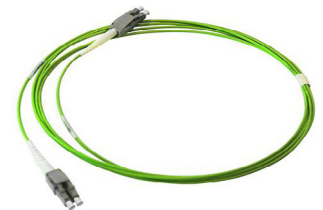
COMMSCOPE LAZRSPEED WBMMF FEATURES

✓ NETWORK FLEXIBILITY

- Backwards compatible with legacy optical equipment and connectors
- System increases capacity to greater than 100G per fiber
- Reduces parallel fiber count by factor of four
- Extends MMF utility as universal medium

✓ DENSITY DEMANDS

- Supports 10 Gbps serial transmission at 850 nanometers for distances over 300 meters
- instaPATCH 360DM or G2 ULL Module
- Fits existing 360G2, UD and HD fiber shelves
- OM5 compliant, with capacity extended across spectrums



LazrSPEED expands the specified high-bandwidth operating wavelength spectrum from a single wavelength at 850 nm to a range of more than 100 nm that includes 850 nm through 950 nm.

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

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Legal Statement: [anixter.com/legalstatement](https://www.anixter.com/legalstatement)

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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