

PRODUCT SOLUTIONS BRIEF
SUPERIOR ESSEX

DATA CENTER NETWORK MIGRATION



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

2 mm Microarray Breakout

Superior Essex's 2 mm Microarray Breakout cable is designed for high performance in a small package. The cables loose tube design consists of 12 2-mm microarray interconnect cable fiber subunits, each of which contain 12 250-micron fibers. The aramid yarns inside the subunit allow the subunit to be crimped directly onto an MTP/MPO connector.



RoHS-compliant flexible jacket protects the core while providing plenum fire protection.

CHALLENGE SOLVERS

- First and only third-party certified EPD and HPD premises fiber cable able to contribute toward points in LEED certified building projects.
- Twelve 2-mm loose tube interconnect fiber subunits that connect directly to MTP/MPO 12 fiber array connectors
- Meets or exceeds ICEA 83-596-2001 and GR-409-CORE requirements for interconnect subunits and trunk cable for worry-free installation and performance
- Available with bend insensitive OS2, OM3, OM4 and TeraFlex® single-mode and laser-optimized OM4 to build your network with the fiber type you need to support future applications

THE ANIXTER APPROACH

High-Performance Structured Cabling

- **Media selection**
Choose the appropriate cabling media from twisted pair, optical fiber and direct attached to address high-speed bandwidth requirements.
- **Density demands**
Deploy scalable designs that accommodate for uncertain density requirements.

THE SUPERIOR ESSEX SOLUTION

FIBER TYPE	FIBER COUNT	DELIVERY OPTIONS
Single-mode	24	Local
Multimode	36	National
	48	Global
	144	

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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

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.

- Single- or multimode fiber type
- Jacket color
- Cable management
- Cable pathway

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Mighty Mo® 20 rack system
- Modular fiber patch panels
- Legrand® thermal solutions
- Raritan® intelligent PDUs

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

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

2 MM MICROARRAY BREAKOUT FEATURES

✓ SIMPLIFY DEPLOYMENT

- UL Certified Environmental Product Declaration (EPD)
- Health Product Declaration (HPD)
- Meets NEC requirements
- Plenum (OFNP) rated design

✓ PROVIDE RELIABILITY

- 40 percent size reduction versus 3 mm
- Flexible and robust for backbone installation
- Connects directly to MTP/MPO 12 fiber array connectors
- Part of the nCompass™ system solution with Legrand



Designed for high performance
in a small package

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

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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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