ANSI/TIA-942-B TELECOMMUNICATIONS STANDARD FOR DATA CENTERS



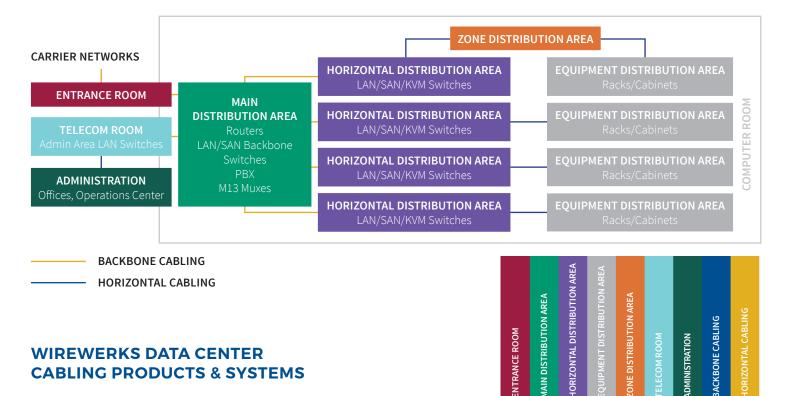
ZONE DISTRIBUTION AREA

BACKBONE CABLING

ADMINISTRATION

MAIN DISTRIBUTION AREA

ENTRANCE ROOM



WIREWERKS DATA CENTER CABLING PRODUCTS & SYSTEMS

√ Rack Mount Patch Panels: 1U/4U Models ✓ 1 \checkmark Rack Mount Patch Panels: MINUS 1U - Switch-specific or Tray Models Wall Mount Enclosure Distribution Modules: MPO-LC MPO Adapter Module Patch Modules: Pre-term configuration ✓ Patch Modules: Single Fiber or Ribbon Fiber splicing configuration √ √ Blank Adapter Modules √ 1 √ Splice Trays: Single fiber or Ribbon fiber **√** NextSTEP FLEX Modules Rack Mount Patch Panels: 1U/2U/4U Models **√** Rack Mount Patch Panel: 1U Lean LGX Solution Wall Mount Patch Panels: 1, 2 or 4 LGX Strip Models ✓ MPO Distribution Modules: MPO-LC or SC ✓ Adapter Strips: LC, SC, MPO Splice Tray: Single Fiber splicing configuration Rack Mount Patch Panels: 1U (24Port), 2U (48Port) ✓ √ **Keywerks Solution** Rack Mount High-Density Patch Panels: 0.5U (24Port), 1U (48Port) Rack Mount Angled Patch Panel: 2U (48Port) / RJ45 Modules & Inline Couplers - with FastPunch tool ✓ Faceplates, Surface Mount Boxes, Back Boxes ✓ Optical Fiber Modules: LC duplex √ ✓ √ Custom Optical Fiber Cable Assemblies √ √ √ \checkmark Cablin UTP CAT6A & CAT6 4-Pair Horizontal Cable \checkmark Optical Fiber Patch Cords Copper Patch Cords ✓ ✓ ✓ 4U Vertical Wall Mount Horizontal Cable Management Field Terminal RJ45 Plug \checkmark Zero-U Patch Panel (Coming Soon) Other Attenuators √ Mechanical Connector ✓ ✓ \checkmark Splice-On Connector



ABOUT WIREWERKS

Wirewerks: Your trusted Partner for Data Center Solutions

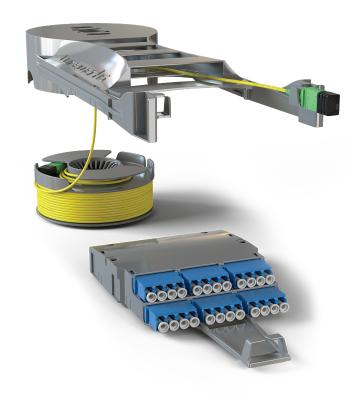
Founded in 1991, Wirewerks is an industry-leading manufacturer of advanced optical fiber and copper structured cabling systems. Built on core values of quality, innovation, and integrity, Wirewerks is *relentlessly* customer-focused and entirely committed to complete customer satisfaction. From pre-sale project collaboration, documentation, technical support, and custom product development, Wirewerks works in partnership with an extensive network of distributors, consultants and authorized installers to provide endusers with the best networking solutions and the best value in the industry today.

Wirewerks Network Solutions for ANSI/TIA-942-B Data Centers

Wirewerks systems and solutions are widely installed in a variety of data center environments including:

- > Enterprise Data Centers
- > Internet Data Centers (Hosting)
- > Multi-tenant (MTDCs) & Colocation (COLO) Data Centers
- > Edge Data Centers
- > SANs

Wirewerks fully supports ANSI/TIA-942-B Data Center Cabling Standards, and all Wirewerks products and systems recommended for Data Center installations comply with TIA-942-B requirements as well as applicable ANSI/TIA-568.x-D Series Component Standards. Wirewerks believes that standards compliance creates open architecture networks that provide the best protection for your cabling system investment through interoperability, design flexibility, brand independence and forward compatibility with everevolving technologies.





Standards + Wirewerks Innovations = Superior Data Center Solutions

While our commitment to industry standards is clear, we also believe that standards compliance should not limit customers to 'cookie-cutter, me-too' products, or restrict our drive to innovate beneficial new product features that 'go beyond' standards.

Wirewerks' NextSTEP Technology™ fiber management system for data centers is a prime example of feature-rich innovation within a standards-compliant framework. The NextSTEP fiber system meets all mandatory TIA-942-B requirements, and goes beyond those requirements -- and

the competition -- with support for many of the new non-compulsory recommendations suggested in the standard. A powerful example of this can be seen in NextSTEP's modular architecture that fully satisfies TIA-942-B's newly added recommendation for the "ability to insert and remove cords (fibers and fiber modules) without disrupting existing or adjacent connections". The NextSTEP fiber system's ability to install/manage/repair fibers with little or no impact/downtime on adjacent fibers (users) in high-density data center applications is a powerful competitive differentiator that is unique in the industry today.



Key Benefits of Wirewerks Data Center Solutions

The key benefits of Wirewerks' advanced cabling infrastructure solutions for Data Center applications include:

- > High density
- > Scalability and growth
- Manageability
- > Standards Compliance
- > Ultra-reliability
- > Cost effective, proven solutions
- > High performance

A Wirewerks structured cabling system in your Data Center provides the critical networking foundation that your Data Center systems -- and ultimately your business -- rely upon for success in today's ultra-competitive business environment.





Wirewerks' rich history of innovation has earned many industry accolades and awards over the years. Award winning Wirewerks innovations are found throughout our Data Center Solutions portfolio.

To learn more about Wirewerks' Data Center Solutions, please contact Nicolas Saab, Data Center Specialist

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