LANscape® Solutions

CORNING

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MANUFACTURING ORGANIZATIONS

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Your manufacturing organization is facing challenges like never before: industrial networks are becoming more automated and more integrated with the enterprise network, which is itself converging to support more security, voice-over IP and building automation applications. Data centers are securely storing and processing more information at greater speeds. Selecting a network infrastructure that will support both today's and tomorrow's applications throughout your organization is crucial.

Corning Cable Systems LANscape® Manufacturing Solutions provides a seamless, transparent, future-proofed optical cabling infrastructure for every part of your enterprise, from the data center to the manufacturing floor. As a world-leading manufacturer, **nobody understands the unique network needs of a manufacturing organization better than Corning Cable Systems.**

Manufacturing organizations are consistently looking for ways to reduce costs while maximizing efficiencies, revenue, quality and customer satisfaction. Whether plant floor or data center, the cabling infrastructure must be "five nines" reliable, and as fast and easy to deploy or manage as possible, to minimize disruption to revenue-generating operations. **Risk is not an option.** It must be delivered by a trusted, reliable expert in optical networking, not a supplier for whom fiber is a sideline.

Manufacturing organizations should look for business partners that can provide not simply a product, but **a tip-to-tip cabling infrastructure strategy** for their entire enterprise and industrial network. Corning Cable Systems and LANscape Manufacturing Solutions provide just that.

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Why LANscape® Manufacturing Solutions? Because **risk** is the last thing you want in your network.

Corning Cable Systems reduces your risk by being an industry leader, and collaborating with other industry leaders, for future-proofed and ultimately reliable technology. We, and those we ally with, are known and trusted leaders in optical networks.

- Corning's team of experts are actively involved with all major telecommunications standards bodies, including IEEE, TIA, FOA, BICSI and Fibre Channel.
- Corning works with only the world's most trusted distributors to provide authorized LANscape Factory-Terminated and Field-Terminated Manufacturing Solutions.
- Corning has allied with Brocade and Cisco to ensure our storage area network solutions integrate seamlessly with their current and future products.
- Fortune 500 companies worldwide rely on our data center, LAN and industrial solutions.

Corning Cable Systems reduces your risk by continually innovating LANscape Solutions to ensure they truly add value to you. How? By making moves, adds and changes (MACs) or maintenance as quick and cost-effective as possible, minimizing disruption. Our value-adding technologies include:

- Completely preterminated solutions for the plant floor, the LAN and the data center – a revolutionary approach to network deployment that we pioneered; these systems install in a fraction of the time, deliver the highest quality and reliability and provide the most cost-effective solution for today's networks and future network needs
- Field-terminating solutions that are easy to use while delivering best-in-class performance, virtually eliminating human variability during installation
- Rugged, IP-rated and secure hardware for the plant floor and high-density, small-footprint hardware for the enterprise

- Comprehensive optical solutions to address every network need, beyond products: network design and field services, training and rental services, a 24-hour technical hotline and award-winning customer service

Corning Cable Systems reduces your risk by offering a robust, global supply chain – no matter where you are, no matter what you need or when you need it, we are there.
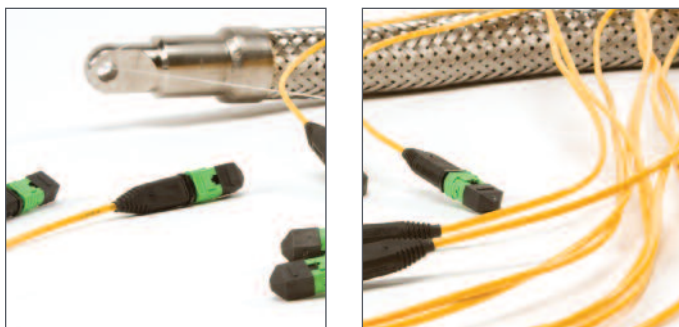
- We are a global leader and a global supplier, with manufacturing, distribution and sales facilities throughout the world.
- Corning Cable Systems has more fiber optic solutions in distributor stock across North America than any other manufacturer, as well as robust distribution worldwide.
- We actively train our distributors to ensure they are up-to-date on the latest optical networking technologies and trends that affect you.
- Corning Cable Systems Network of Preferred Installers (NPI) gives you access to the most highly trained and proven installers in your area, and who can offer a 25-year warranty on LANscape Solutions.

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LANscape® Pretium® Solutions for Data Centers

- Preterminated Plug & Play™ Universal Systems offer best-in-class optical performance with modular, MAC-ready components that reduce the data center footprint and promote airflow for lower HVAC costs.

- Plug & Play Systems are Cisco- and Brocade-certified, with Pretium Integrated Solutions that integrate their SAN electronics with Plug & Play Universal Systems modular components.

- For data centers with a small footprint or that require design decisions to be made onsite, our field-terminated solution features small outside diameter ribbon cables and high-density UniCam® MTP® Connectors for fast, simple field installation.

- High-density Pretium Connector Housings are created with thoughtfully designed routing guides, additional room for cable routing and built-in jumper and slack management for faster, simpler network management.

- A complete line of test equipment and accessories are available for the installation and management of data center networks, designed for rugged, long-life use and with features that eliminate the guesswork.

LANscape Solutions for Enterprise Networks

- Campus, building and floor cabling solutions optimized to enable easy, cost-effective upgrades

- Preterminated Plug & Play AnyLAN™ Systems for the local area network install in half the time, with components that can be configured to support a variety of architecture and design requirements

- Field-installable solutions that include interlocking armored cable for ruggedness and connectors that install in less than a minute and are virtually error proof

- Hardware that takes the guesswork out of cable routing and slack management, and with components that have a universal footprint

- A complete line of splice and test equipment and accessories for network installation and management

LANscape Solutions for Industrial Applications

- All-optical solutions designed for the unique needs of industrial networks and immune to the electromagnetic and radio frequency interference that requires additional routing, shielding and troubleshooting for copper

- Preterminated Plug & Play AnyLAN Systems for the local area network install in half the time or less with the industry's highest reliability and best performance

- Low-smoke, zero-halogen industrial cables that are tray rated for reliability and durability

- Industrial-grade fiber optic hardware with IEC IP 66, 67 and 69K ratings

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