



Federal Solutions Guide



Contents

- 1 Why Choose an Optical Fiber Solution?
- 2 Preterminated and Field-Terminated Solutions for LANs and Data Centers
- 3 Pretium EDGE™ Solutions
- 4 Field-Terminated LANscape® Pretium™ Solutions for Data Centers
- 5 Federal Schematic
- 7 Plug & Play™ AnyLAN™ Systems
- 8 LANscape® Passive Optical Solutions
- 9 FREEDM® Loose Tube Gel-Free Plenum Cable
- 10 Plenum Ruggedized Ribbon Cables
- 11 LANscape Solutions Tactical Fiber Optic Cable
- 12 MIC® DX Armored Riser and Plenum Cables
- 13 MIC Interlocking Armored Plenum Cables, 2-24 Fibers
- 14 UniCam® High-Performance Connectors, LC, SC, ST® Compatible
- 16 Keyed LC Connector Solution
- 17 ClearCurve® Single-mode Compact and Rugged Drop Cable
- 18 Hardware and Equipment
- 19 Fiber Zone Boxes
- 20 Pretium Wall-Mountable Housings (PWH)
- 21 Wall-Plate Outlet (WLL)
- 22 Workstation Multimedia Outlet (WMO)
- 23 OptiSplice® One Handheld Fusion Splicer
- 24 OV-Mini Optical Time Domain Reflectometer
- 25 Corning Cable System Engineering Services

You need **security, scalability** and **fast deployment**. In, out, done.

With more than 25 years of meeting the unique needs and requirements of the federal government, Corning Cable Systems understands that information integrity and security remains a top priority. Corning Cable Systems offers thoughtfully designed, secure solutions that minimize the risk of network eavesdropping via unauthorized access, while ensuring fast installation and minimal down time.

Why Choose an Optical Fiber Solution?

■ Superior Performance:

Optical fiber offers far greater bandwidth and distance. A single generation of optical fiber has outlasted and outperformed seven generations of copper cable.

■ Ease of Installation:

Optical fiber has become increasingly easier to install – while copper has become even more complex, attempting to keep up with performance demands. No shielding is required to protect fiber optic cables from EMI or RFI and fiber optic cables are far easier to test and certify.

■ Unmatched Security:

Harder to tap into than copper and not vulnerable to electromagnetic interference (EMI), optical fiber is inherently safer at keeping information securely flowing where it needs to go and not into the wrong hands.

■ Easy to Upgrade:

Minimize your network downtime during expansions and upgrades, using your existing fiber optic cable and replacing only the electronics, rather than replacing the entire infrastructure.

■ Smaller Footprint:

Fiber optic cables have a much smaller size and are lighter weight than copper cables while providing the same capacity. This reduced size saves space in raceways and ducts. In addition, optical solutions allow better airflow and subsequently lower cooling costs in data centers.



From specially-designed ruggedized ribbon cables, specifically created as an alternative to PDS-approved systems, to color-coded keyed LC connectors for separate secure network classifications, Corning Cable Systems fiber solutions offer unmatched security.

Our LANscape® Solutions integrates a tip-to-tip offering of fiber optic cable, cable assemblies, connectors, hardware, splice and test equipment, service and support for both LANs and data centers.

Fully scalable, Corning Cable Systems fiber solutions fill today's needs and prepare you for the future.



Simplify Installation and Improve Performance in the Data Center with Pretium EDGE™ Solutions

- 100% more density than current systems for data center space optimization
- 35% faster installation time compared with traditional cabling systems
- Pretium EDGE Solutions enable 25% faster moves, adds and changes (MACs) to ensure the network stays up and running while simultaneously and quickly updating as needed

Ready, Set, Done: Preterminated Solutions for Local Area Networks

- Whether you're an intelligence analyst or a network user and need mission critical information now, Corning Cable Systems delivers data quickly and securely
- Plug & Play™ AnyLAN™ Systems deploy in less than half the time of a traditional field installation
- Eliminate the time and cost of terminating fibers onsite
- Pre-engineered to the network's exact requirements
- Tested and shipped as a system

Field-Installable Cabling & Connectors

- General, riser, plenum, armored and specialty applications
- Craft-friendly, completely dry cables for fast, easy installation
- Robust, flexible tactical cable for deployment in harsh environments
- UniCam® High-Performance Connectors terminate in less than a minute with industry-leading insertion loss and operating temperature



Keyed LC Connector
| Photo LAN758

- UniCam MTP® Connectors, 12-fiber, are ideal for high-density or high-fiber-count environments
- Colored cable jackets for easy network identification

Secure Networks

- Complete 8-color keyed LC solution available
- Components and assemblies available in color-coded keyed variations, to keep secure networks separate and easy to identify by classification
- Ruggedized ribbon cables and assemblies with colored jackets for easily identifiable network segregation
- Lock kits are available for additional security

Passive Optical LAN

- LANscape® Solutions paired with LANscape Optical Splitter provide ultimate design flexibility
- ClearCurve® Single-mode Fiber Cable eliminates bend concerns in fiber-to-the-desk applications

Hardware & Distribution

- Every product and service you need to deploy LAN and data center infrastructures

Pretium EDGE™ Solutions

Pretium EDGE™ Solutions are high-density preterminated optical cabling solutions that simplify installations and improve performance in the data center environment. The innovative solution provides increased system density when compared to traditional preterminated systems and offers the highest port density in the market. Custom-engineered components enable simple integration into common SAN directors, while the preterminated components allow for reduced installation time and faster moves, adds and changes (MACs).

With Corning Cable Systems Pretium EDGE Solutions, there are only four steps required to install the optical network:

1. Pull the cable assembly
2. Mount the hardware
3. Plug in the connectors
4. Test the system

- A revolutionary drawer-style hardware design offers unprecedented finger access with the highest port density in the market
- Tighter high-density trunk cable bends for slack storage and routing, are enabled by Corning® ClearCurve® optical fiber
- Trunks and extender trunks have an innovative pulling grip to increase the speed of deployment while offering superior protection of the assembly
- Custom-engineered harness assemblies allow seamless integration into the most common SAN directors
- Pretium EDGE Solutions modules may be installed or removed from either the front or rear of the housing for maximum installer flexibility
- Shutter modules allow a one-hand operation and eliminate the need for dust caps
- For ordering information, refer to specification sheet LAN-1141 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



Pretium EDGE Solutions
| Photo LAN1740



EDGE Harness
| Photo LAN1554



EDGE Module
| Photo LAN1542

Field-Terminated LANscape® Pretium® Solutions for Data Centers

Field termination can be an attractive option for data centers with a small footprint or that require final design decisions to be made onsite. Our field-terminated solutions feature small outside-diameter ribbon cables and ultra-high-density UniCam® MTP® Connectors for fast, simple field installation.

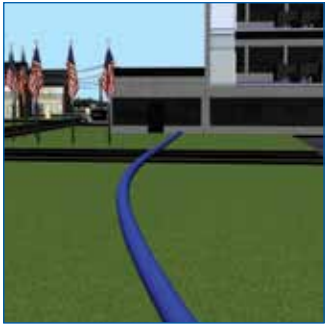
- Fiber optic ribbon cable, available in riser and plenum ratings, offers up to three times the space savings and fiber tray capacity over traditional bulky cable solutions, while minimizing cable tray weight
- UniCam MTP Connectors enable field termination of 12 fibers in less than four minutes with best-in-class optical performance for rapid deployment when and where it's needed
- UniCam MTP Connectors fit 12 fibers within a space only slightly larger than a standard 1- or 2-fiber connector, vastly improving hardware density
- For data center connectivity to the outside, our craft-friendly, gel-free indoor/outdoor cable brings connectivity into the data center without the need for a transition splice



UniCam Pretium Tool Kit
| Photo LAN769



1 FREEDM® Indoor/Outdoor Fiber Optic Cables



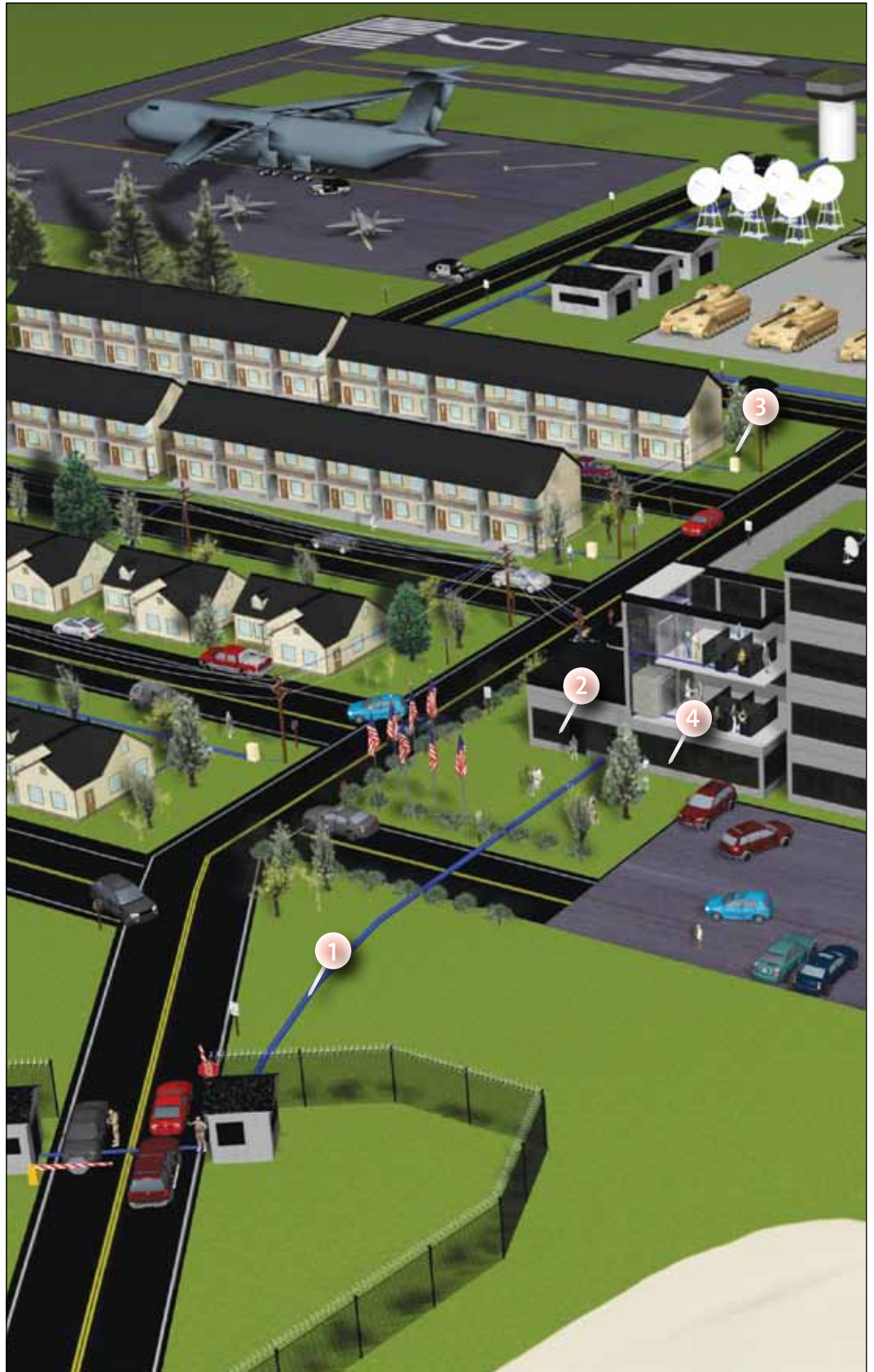
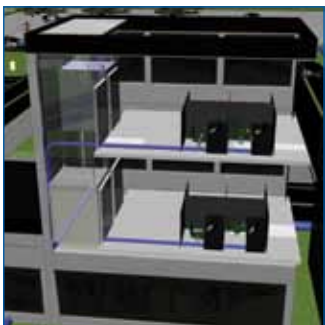
2 Pretium EDGE™ Solution



3 ClearCurve® Cable for In-Barracks Connectivity

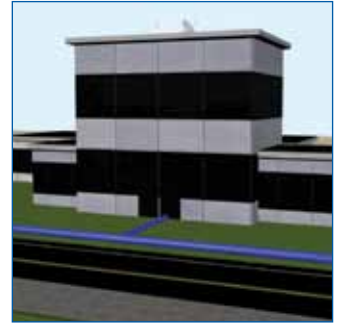


4 Pretium® Rack-Mountable and Wall-Mountable Hardware

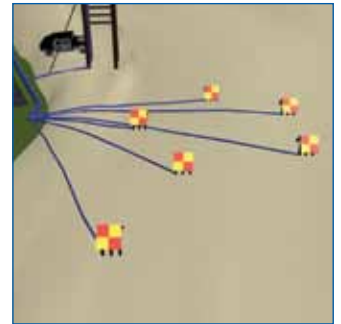




5 Plug & Play™ AnyLAN™ Systems for Indoor and Outdoor Applications



6 LANscape® Solutions Tactical Fiber Optic Cable





Plug & Play™ AnyLAN™ Systems

Every LAN is unique. From different cable lengths to varying time frames, you need a solution that can be customized to each specific need. Corning Cable Systems Plug & Play™ AnyLAN™ Systems are preterminated local area network cabling solutions that facilitate up to 50 percent faster system deployment than traditional field installations and are pre-engineered to each specific application.

Two primary solutions include:

- Direct trunk for point-to-point architectures
- Ruggedized Zone Enclosures solutions for point-to-multipoint architectures

The AnyLAN OptiTip® Connector is the key enabler in each of the solution components and facilitates the quick deployment. Plug & Play AnyLAN Systems have the flexibility to be configured in various network topologies for both indoor and outdoor environments. The outside plant components may be quickly installed in either buried (direct buried, 1.25-in and 2-in duct) or aerial (overlash and self-supporting) applications, while the inside plant (riser) version may be easily installed within a 2-in duct.

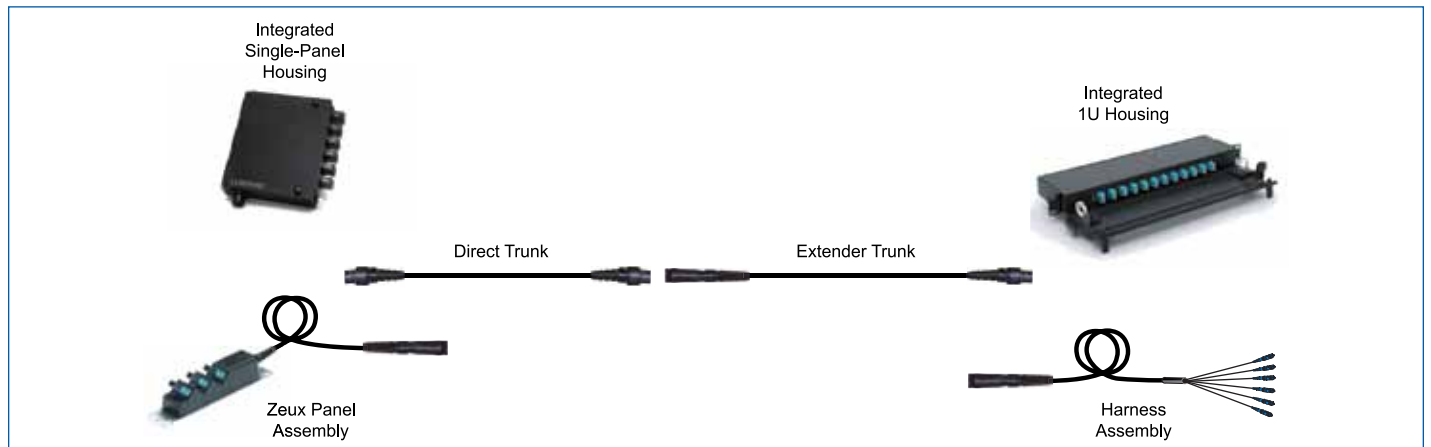
Plug & Play AnyLAN Systems are factory tested and shipped as a complete solution that offers a faster, more reliable installation with lower labor costs and less cost overrun.

- Factory-terminated and -tested direct trunk cables enable quick, reliable installation



OptiTip MT Connector
| Photo LAN1000

- Ruggedized Zone Enclosure combines AnyLAN OptiTip adapter within a sealed, factory-terminated closure for quick deployment of a point-to-multipoint architecture
- Harnesses are terminated with the OptiTip® MT Connector on one end and up to 12 single-fiber connectors (SC, LC, or ST® Compatible), or the Zeux™ Panel on the other end; all options provide quick, easy connectivity to your hardware
- Patented, small-diameter factory splice closure is flexible and preterminated
- Complimentary engineering services available to plan, design and order the system
- For ordering information, refer to specification sheet LAN-731 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



AnyLAN System Point-to-Point Components
| Photo ZA-3817

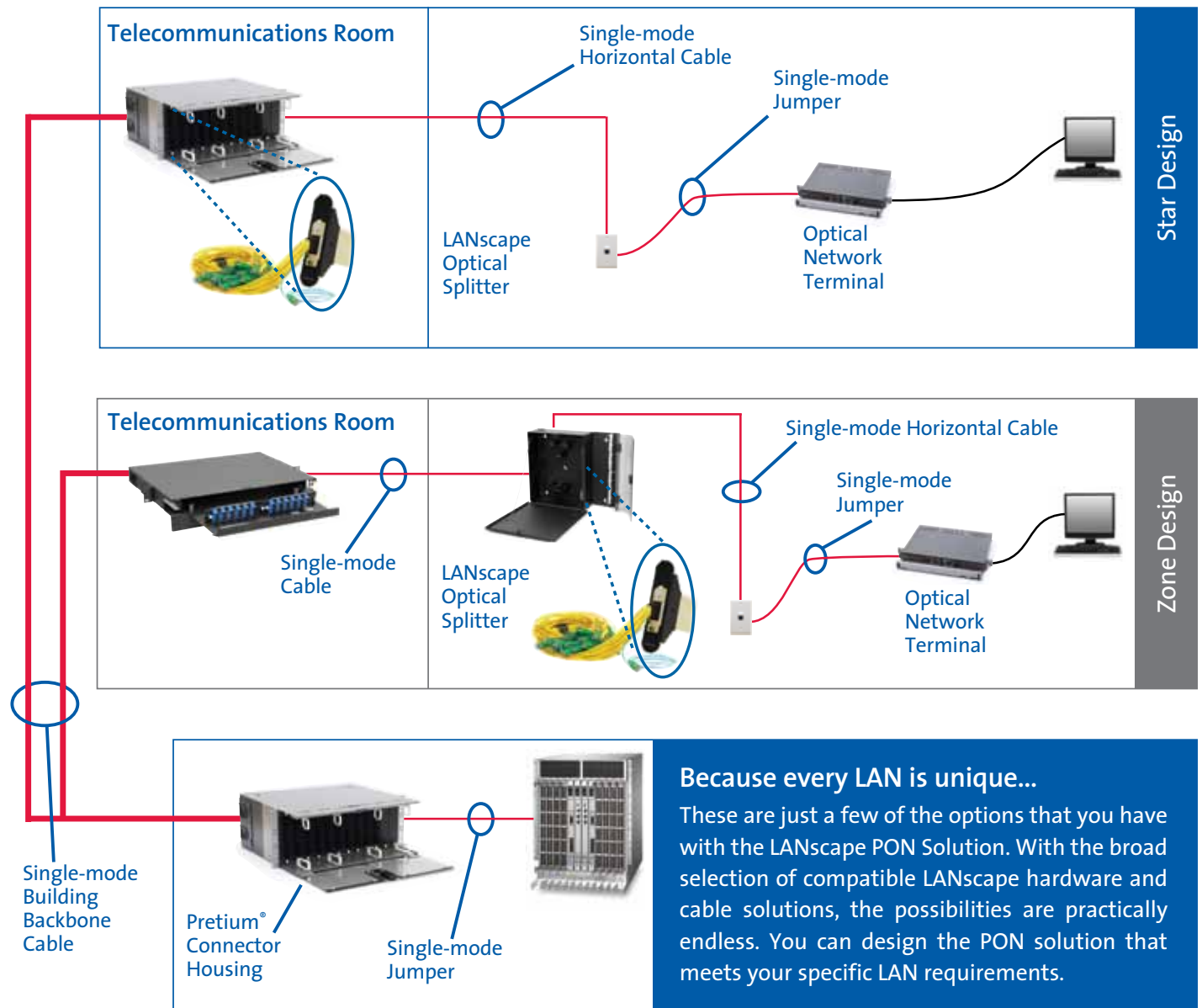


LANscape® Passive Optical Solutions

Leveraging expertise in passive optical networks (PONs) and local area networks (LANs), Corning Cable Systems has created a flexible solution for PON LAN deployments to meet the unique requirements of Federal customers. LANscape® splitter pairs with proven LANscape Solutions' backbone and horizontal cabling, housings, cable assemblies and jumpers to meet your design needs.

- For ordering information, refer to Reference Guide LAN-1242 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.

Sample of Passive Optical Network LAN Layout



Because every LAN is unique...

These are just a few of the options that you have with the LANscape PON Solution. With the broad selection of compatible LANscape hardware and cable solutions, the possibilities are practically endless. You can design the PON solution that meets your specific LAN requirements.



FREEDM[®] Loose Tube Gel-Free Plenum Cable

Need to run a cable both indoors and outdoors, or carry a feed through a building without changing cables? Corning Cable Systems FREEDM[®] Loose Tube Gel-Free Plenum Cables are flame-retardant, indoor/outdoor, plenum-rated cables suitable for installation in aerial, duct and riser or plenum applications. Plenum rating eliminates the need to transition splice when entering the building and minimizes routing restrictions once inside the building. These cables meet the application requirements of the National Electrical Code[®] (NEC[®]) and are OFNP and CSA FT-6 listed.

- 250 μm color-coded fibers for quick and easy identification during installation
- Loose tube design for mechanical ruggedness and environmental durability
- All-dielectric cable construction requires no grounding or bonding
- Available in 62.5 μm , 50 μm (OM2, OM3, OM4) and single-mode versions
- Gel-free design provides for more efficient and craft-friendly cable preparation
- Flexible, flame-retardant, UV-resistant jacket that allows direct exposure to sunlight
- Available in interlocking armor for special applications requiring additional mechanical durability
- For ordering information, refer to specification sheet LAN-753 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



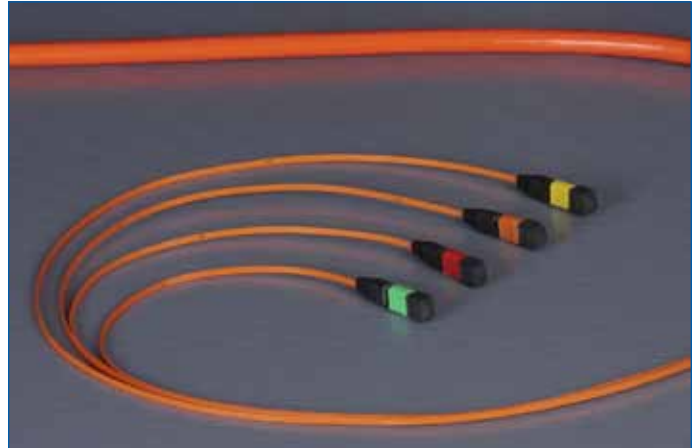
FREEDM Loose Tube Gel-Free Plenum Cable
| Photo LAN734



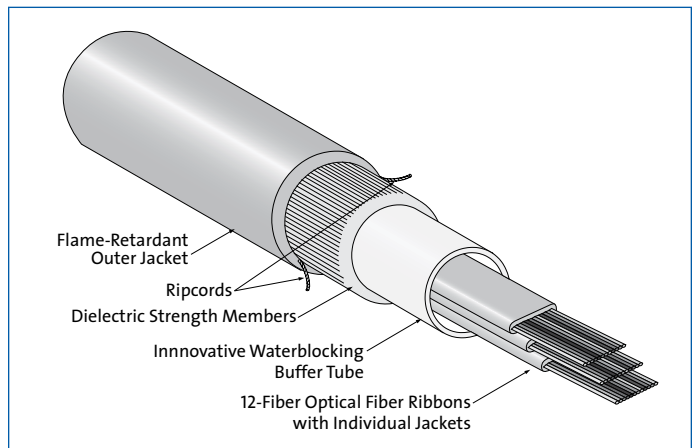
Plenum Ruggedized Ribbon Cables

Corning Cable Systems Plenum Ruggedized Ribbon Cables are designed for intrabuilding backbones in plenum, riser and general-purpose applications. Ideal for data centers and segregating secure traffic on protected distribution systems (PDS), these cables consist of 12, 24, 36 or 48 fibers organized into easily identifiable 12-fiber ruggedized ribbons inside a central tube. Readily identifiable ribbon ID numbers and fiber colors allow easy access of individual fibers. The cables meet the requirements of The National Electrical Code® (NEC®) 770, Article 770-51(A) and NFPA 262 flame tests.

- 12-fiber individually jacketed and numbered ruggedized ribbons provide easy identification as well as additional protection and security
- Dielectric cable construction requires no grounding or bonding
- Cables are available preconnectorized for easy installation
- Precise fiber and ribbon geometrics result in excellent mass-fusion splicing and multifiber connector yields
- Available in 50 μm (OM2, OM3, OM4), 62.5 μm, single-mode and hybrid versions
- For ordering information, refer to specification sheet LAN-580 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



Plenum Ruggedized Ribbon Cable
| Photo LAN415



Plenum Ruggedized Ribbon Cable
| Drawing ZA-2592



LANscape® Solutions Tactical Fiber Optic Cable

Harsh field conditions call for tough solutions. Corning Cable Systems tactical cable performs under the stress of battle, delivering secure communications in abrasive, chemical and high-crush environments. It's as tough as the soldiers who use it.

Information networks need to work in harsh environments, such as on the battlefield and during inclement weather. Corning Cable Systems Tactical Fiber Optic Cable uses 900 µm TBII® Buffered Fiber surrounded by dielectric strength members and protected by a rugged yet flexible polyurethane outer jacket. These cables are ideal for routing in all environments or conditions between buildings and modular telecommunications gear for secure, dependable communications, data or video.

- Tactical deployment: Use for temporary or permanent communication systems
- Military mobile telecommunication systems: Perfect for deployments between modular systems
- Harsh and industrial environments: Designed for use in extreme environmental conditions such as abrasive atmospheres, chemical environments and high-crush environments



Tactical Fiber Optic Cable
| Photo LAN757

- Broadcast video: Ideal for temporary or permanent setups at events
- Traffic and video control: Use for optical feeds in rugged or harsh environments
- For ordering information, refer to specification sheet LAN-770 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.

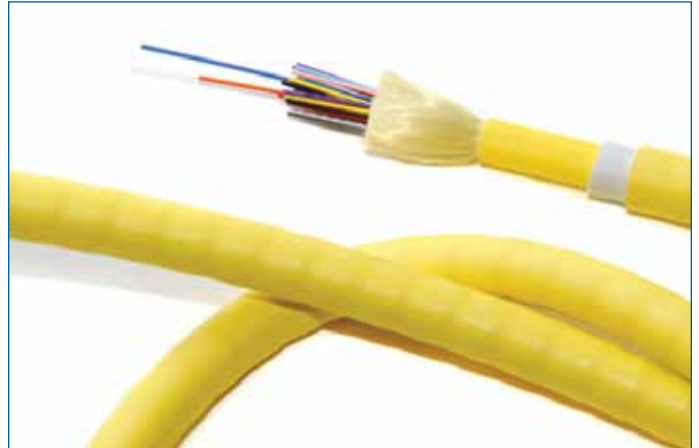


MIC® DX Armored Riser and Plenum Cables

Corning Cable Systems MIC® DX Armored Cables are innovative, dielectric cables designed to reduce installation time and expense by eliminating the need for grounding or use of special access tools. The cables are available in Plenum and Riser versions for use in plenum, riser and general purpose environments for intra-building backbone and horizontal installations. Standard OFNP MIC Plenum or OFNR MIC Riser subunits are placed inside a dielectric armor for ruggedness and superior crush resistance without the conductive properties of traditional armor. Individually jacketed TBII® Buffered Fibers enable easy, consistent stripping and facilitate termination. With a flame-retardant outer jacket, these unique cables are particularly useful for heavy traffic or more challenging mechanical exposure conditions and applications requiring extra rugged cables.

MIC DX Armored cables are available in 50 μm , 62.5 μm , single-mode and hybrid versions. The cables meet the application requirements of the National Electrical Code® (NEC®) and are OFNR and FT-4 and OFNP and FT-6 listed. In addition, the cables meet ICEA S-83-596 test criteria and are available with Gigabit Ethernet and 10 Gigabit Ethernet performance.

- For ordering information, refer to specification sheets LAN-1138 and LAN-1139 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



MIC DX Armored Cable
| Photo LAN1490



MIC DX Armored Cable Compared to Standard Interlocking Armored Cable | Photo LAN1495

MIC® Interlocking Armored Plenum Cables, 2-24 Fibers

Corning Cable Systems MIC® Interlocking Armored Plenum Cables are standard MIC Plenum Cables placed inside a spirally wrapped aluminum interlocking armor for ruggedness and superior crush resistance. These cables meet the application requirements of the National Electrical Code® and are OFCP and CSA FT-6 listed.

- Flexible interlocking armor offers over seven times the crush protection compared to unarmored cables
- Available in 50 µm (OM2, OM3, OM4), 62.5 µm, single-mode and hybrid versions
- Utilizes TBII® Tight-Buffered Fiber that enables consistent stripping and facilitates termination
- Reduces overall installation cost by allowing an easy one-step installation process
- ICEA S-83-596 and Telcordia GR-409 test criteria



MIC Interlocking Armored Plenum Cable
| Photo LAN93

- Available with Gigabit Ethernet performance and 10 Gigabit Ethernet performance
- For ordering information, refer to specification sheet LAN-124 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.





UniCam® High-Performance Connectors, LC, SC, ST® Compatible

With UniCam® High-Performance Multimode and Single-mode Connectors, best-in-class optical performance is available in a fast, easy field-termination solution.

The patented high-precision mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively. With the UniCam High-Performance Tool Kit, an LC, SC or ST® Compatible Connector can easily be installed in about 45 seconds, making it the ideal solution for applications where time is critical.

The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, ensuring terminations are performed right, the first time, every time. From the cleaver, with its integrated fiber scrap bin and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal, the UniCam High-Performance Tool Kit was thoughtfully designed with the needs of network installers in mind.

Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance guaranteed. Every UniCam Connector is 100 percent guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it.



UniCam High-Performance Tool Kit
| Photo LAN769



UniCam High-Performance Installation Tool
| Photo LAN1904



UniCam® High-Performance Connectors, LC, SC, ST® Compatible

- Multimode typical insertion loss of 0.1 dB and maximum insertion loss of 0.5 dB for best-in-class optical performance
- Single-mode typical insertion loss of 0.2 dB and maximum insertion loss of 0.5 dB for exceptional network performance
- Broad operating temperature range (-40° to +75°C) for true utility and flexibility
- UniCam® High-Performance Tool Kit virtually eliminates human variability in installation, ensuring consistent, reliable results
- Available in organizer packs of 25 or single packs to suit customer needs
- Fast termination, high installation yields and no consumables means lowest installed cost
- Factory-polished end face for consistent optical performance and factory quality
- 100 percent factory tested for insertion loss
- 100 percent guaranteed*
- Installation of an LC, SC, or ST® Compatible Connector can be accomplished in less than a minute
- For ordering information, refer to specification sheets on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675:
 - LAN-462 (UniCam Connector Installation Tool Kits)
 - LAN-1220 (UniCam High-Performance Connectors, Multimode and Single-Mode)

** Every UniCam Connector is guaranteed to meet the published specification at the time of installation or Corning Cable Systems will replace it.*



High-Performance Cleaver
| Photo LAN805



UniCam High-Performance Multimode and Single-mode Connectors | Photo LAN772



Organizer Pack
| Photo LAN1676



Keyed LC Connector Solution

Corning Cable Systems Keyed LC Connector Solution provides mechanical network security in optical fiber cabling, utilizing the LC small-form-factor (SFF) format. Based on the standard LC single-fiber connector, the keyed LC solution provides physical separation for up to eight networks, applications or organizations. Eight color-coded key combinations prevent inadvertent or unauthorized access to networks and provide fast and easy network identification. On the front and back of the patch panel, keyed connectors and adapters are used to match access rights to the proper network. The key features in the connector and adapter cannot be duplicated with standard LC components, preventing violation of network security. The small-form-factor LC connector allows high-density deployments in less space than SC or ST® Compatible Connectors and supports up to 288 fibers in a 4U rack-mountable housing.

A full solution is available, from factory-installed keyed LC connectors for assemblies and Plug & Play™ Universal modules, to field-installable UniCam® Connectors and anaerobic keyed LC connectors, to adapters loaded into standard LANscape® Solutions panels and modules.

- Eight color-coded mechanical key positions to prevent mismatch of networks
- Meets TIA/EIA-568-B optical performance requirements
- Connectors and adapters permit front and rear security in network panel
- Available in single-mode, 62.5 µm multimode, standard 50 µm and laser-optimized 50 µm multimode
- For ordering information, refer to specification sheet LAN-701 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



Keyed LC Connectors
| Photo LAN758



Keyed LC Connectors
| Photo LAN1289



ClearCurve® Single-mode Compact and Rugged Drop Cable

Corning Cable Systems ClearCurve® Compact and Rugged Drop Cables are part of a product family developed to solve the challenges associated with multidwelling unit (MDU) deployments. Enabled by a truly bend-insensitive single-mode fiber, this small-profile yet durable cable is optimized for applications within the living unit.

The cable consists of a single bend-insensitive fiber tight-buffered with a 900 µm jacket, surrounded by dielectric strength members and an outer flame-retardant jacket. Two versions are available. The first is an indoor-only version available with a standard yellow jacket or an optional neutral jacket. The second is an indoor/outdoor version that is fully waterblocked with a black UV-resistant outer jacket. Both versions are riser rated (OFNR) for vertical riser and general-purpose horizontal applications.

ClearCurve Compact and Rugged Drop Cables can accomplish tight turns to a minimum bend-radius of 5 mm (0.2 in) with negligible bend loss and can be run under carpet, along door frames and molding, in raceway or microduct. The rugged drop cable can be directly stapled to wall studs and rafters with standard cable staples and hardware-store variety staple guns.

Better than copper cable alternatives, ClearCurve Cables for barracks and other MDU applications offer:



Bend-Insensitive ClearCurve Compact and Rugged Drop Cable | Photo CCV009

- Higher bandwidth-carrying capacity
- Smaller outer diameter
- Lighter weight
- Smaller minimum bend-radius
- Durable, bend-insensitive cable design enables installers to route cable around tight corners down to 5 mm (0.2 in) radius
- Available in indoor/outdoor and indoor-only riser-rated versions
- Available in convenient contractor-sized packaging for easy field deployment
- For ordering information, contact customer service at 800-743-2675.

Hardware and Equipment

As a tip-to-tip fiber optic solutions provider, Corning Cable Systems offers every product and service you need to deploy your LAN or data center infrastructure. Both our preterminated and field-terminated solutions include a full line of rack-, wall-, and floor-mount hardware:

- Pretium® Connector Housings are mountable in 19- or 23-in equipment racks or cabinets. The housings are four inches deeper than standard connector housings and provide easy, open access to connectors for cleaning, moves and additions. Designed with network installation and management in mind, our hardware has a universal footprint, allowing any Corning Cable Systems CCH adapter panel or module to fit in the housing.
- Corning Cable Systems offers a complete line of test equipment and accessories for the installation and management of LAN and data center networks. Our equipment is designed for rugged, long-life use with both multimode and single-mode networks, with features that eliminate the guesswork. In addition, Corning Cable Systems offers a variety of fiber preparation and installation tools, kits and accessories.
- For ordering information, refer to the full-line catalog on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



PCH-01U PCH-04U
| Photo LAN585



OV-1000
| Photo TEQ35

Fiber Zone Box (FZB-04U)

The Corning Cable Systems Fiber Zone Box is a cabling infrastructure distribution facility for passive applications in zone cabling. It is ideal for interconnect or cross-connect points in data center zone or horizontal distribution areas. Sized to fit a 2 x 2 ft drop ceiling or subfloor opening, it can also be mounted to a wall and is equipped with a sealing to inhibit dust and liquid penetration. The box accepts up to 12 LANscape® Solutions CCH connector panels or modules for LC duplex, SC, SC duplex, FC, MT-RJ, ST® Compatible and MTP® Connector fiber termination and distribution. It will also accept up to 24 buffer tube fan-out kits. Each of the 12 cable entry points contain 1-in and 2.5-in concentric knockouts. The white, hinged removable door matches ceiling tiles and is equipped with a key lock.



Fiber Zone Box Configured for 12 CCH Connector Panels or Modules | Photo LAN594

Fiber Zone Box (FZB-04P)

The Corning Cable Systems Fiber Zone Box (FZB-04P) is a smaller alternative to the FZB-04U. The FZB-04P manages four CCH panels or Plug and Play™ modules, making it ideal for installations up to 96 fibers. The FZB-04P can be mounted vertically or horizontally. When mounted vertically, the adapter plane of the panels or modules faces upwards, significantly increasing ease of use for initial installations and moves, adds and changes (MACs).

- For ordering information, refer to specification sheets LAN-36 and LAN-1097 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



Fiber Zone Box (FZB-04P) | Photo LAN1465

Pretium® Wall-Mountable Housings (PWH)

Corning Cable Systems Pretium® Wall-Mountable Housings (PWH) provide interconnect or cross-connect capabilities between the outside plant, riser cables, horizontal cables and the opto-electronics. The Pretium wall-mount line is designed to hold Plug & Play™ Universal Systems modules.

Housings can be wall-mounted in main cross-connections (MCs) or telecommunication rooms (TRs), and are available with different capacities: two panels, four panels, six panels and 12 panels. Optional products, such as the cable strain-relief kit (PWH-STRNRLF-KIT), have been designed to make your wall-mountable product installation easier. The standoff bracket (PWH-STDOFF-BKT) is designed to extend the PWH from the wall so that cable can be routed behind the units. Brackets can be stacked to increase the amount of space behind the housing.

- Optimized design for Plug & Play™ Universal Systems installations as well as splice and field termination applications
- Accepts standard CCH connector panels and modules
- Includes jumper routing guides and a bracket for securing buffer tube fan-out kits to enable easy, orderly routing and protection



PWH-12P
| Photo LAN93

- Pretium Solutions gunmetal gray design and rugged metal construction
- -04P, -06P and -12P housings have a durable, clear polycarbonate-tinted jumper door for easy viewing of jumper connections
- Optional splice tray holder allows easy cable routing and is designed to make field splicing easier; splice trays ordered separately
- Optional field-installable lock kit for additional security
- For ordering information, refer to specification sheet LAN-778 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



Wall-Plate Outlet (WLL)

Designed for use within Fiber-to-the-Desk (FTTD) applications, Corning Cable Systems Wall-Plate Outlet offers a highly configurable product solution. The outlets allow for telephone and other peripheral network connections, as well.

A variety of fiber and copper adapter options are available and may be loaded in the wall-plate outlet in any configuration for design flexibility. Angle face options allow connectors and jumpers to easily transition and exit down the wall.

- May be purchased as an individual component or fully configured and populated in customer-specified orientation for design versatility
- Single-gang wall-plate outlets are available with up to 6-port capacity for straight ports and 4-port capacity for angled ports
- Double-gang outlets are available with up to 12-port capacity for straight and 8-port capacity for angled ports
- Keyed and non-keyed LC adapter options facilitate mechanical network security
- For ordering information, refer to specification sheet LAN-1243 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



Single-Gang, Single-Port, Angled Wall-Plate Outlet | Photo LAN1814



Single-Gang, Four-Port, Angled Wall-Plate Outlet | Photo LAN1815



Single-Gang, Four-Port, Straight Wall-Plate Outlet | Photo LAN1817



Single-Gang, Four-Port, Angled Wall-Plate Outlet | Photo LAN2017

Workstation Multimedia Outlet (WMO)

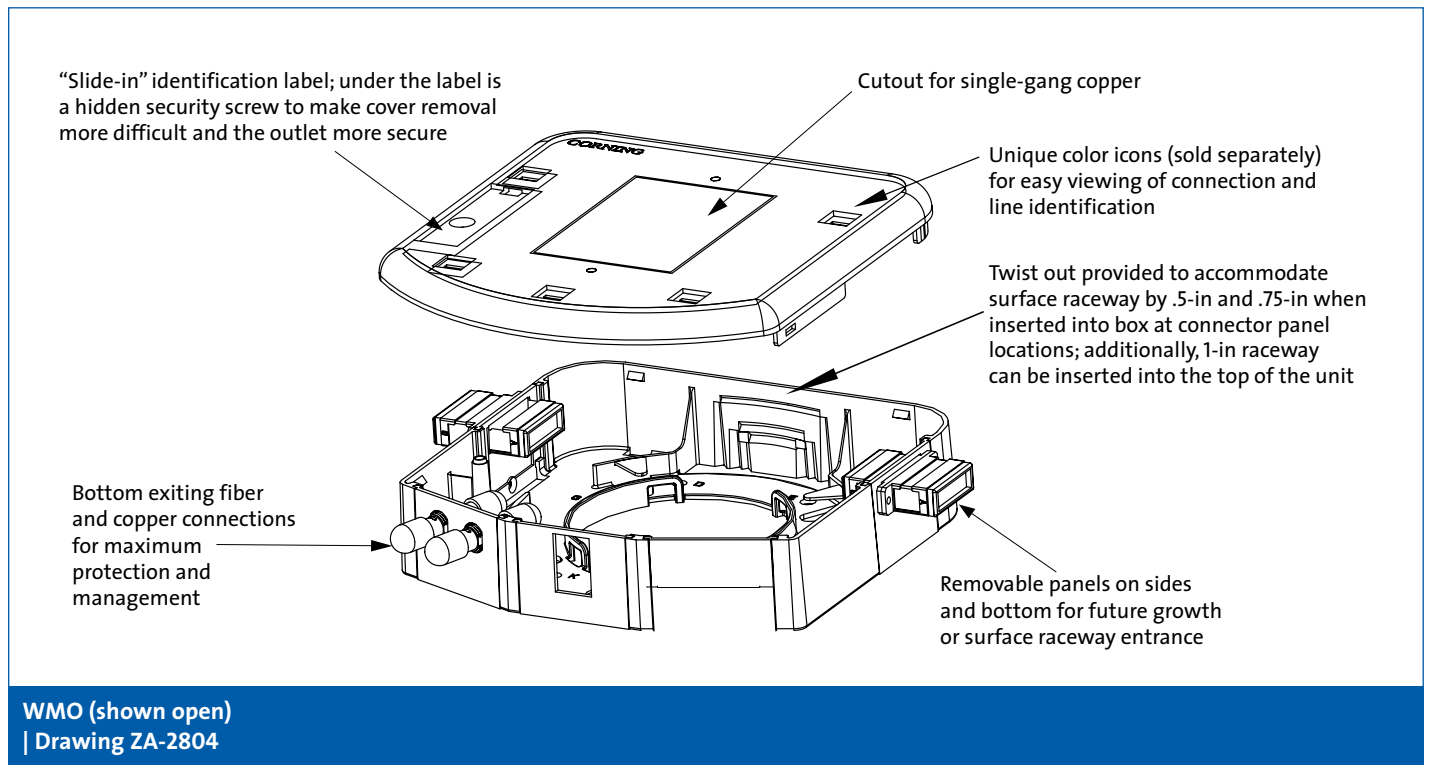
Corning Cable Systems' Workstation Multimedia Outlet (WMO) accommodates both fiber optic adapters and copper jacks, allowing voice, video and data in one outlet. This diversity combined with aesthetic appeal makes it ideal for headquarter or office buildings and medical facilities. Blending easily with any fixed-wall environment, the WMO can be surface mounted on a single-gang or dual-gang electrical outlet.

Surface raceway (.5 in and .75 in or 1.0 in) can be inserted into the top of the unit to allow for installation and cable routing diversity. The unique design accepts colored icons for labeling, which make line identification quick and easy. For additional security, a hidden security screw is located under the "slide-in" identification label.

- For ordering information, refer to specification sheet LAN-48 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



Workstation Multimedia Outlet
| Photo ICH95





OptiSplice® One Handheld Fusion Splicer

Corning Cable Systems' OptiSplice® One Handheld Fusion Splicer is a durable, reliable and affordable splicer for restoration and installation of networks with single fibers. Offering a 31 second typical total splice cycle time, makes it ideally suited for situations in which restoration time is critical. The splicer features an intuitive user interface for easy menu navigation and dual cameras which provide a splice loss estimate of the completed splice. The high-intensity LEDs provide splice area illumination and can also illuminate the interior of a splice closure, making it perfect for restoration purposes.

Outdoor splicing applications benefit from the high-contrast, transfective LCD that provides great visibility, even in bright sunlight. In addition, the splice area cover serves as a wind protector while the folding screen cover doubles as an adjustable splice tray holder. The "snap-in" magnetic handlers enable easy and consistent fiber placement in V-grooves, reducing complexity and rework. The fiber handlers can also remain permanently in the splicer for direct fiber loading.

The unit offers factory-optimized programs and user-defined programs for common fiber types (single-mode, multimode, ClearCurve® etc.) The OptiSplice One also has a USB interface for data output and software upgrades.

- For ordering information, refer to specification sheet LAN-780 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



OptiSplice One Handheld Fusion Splicer
| Photo LAN1203



OptiSplice One Handheld Fusion Splicer
| Photo LAN1287



OptiSplice One Handheld Fusion Splicer Kit
| Photo LAN1288

OV-Mini Optical Time Domain Reflectometer

Corning Cable Systems OV-Mini Optical Time Domain Reflectometer (OTDR) provides a rugged, handheld and lightweight solution for testing and troubleshooting fiber optic networks. This handheld OTDR gives the operator the flexibility of testing single-mode and 50 and 62.5 μm multimode systems with the same unit. The OV-Mini provides complete connectivity flexibility and user-friendly one-touch testing. Outdoor testing situations benefit from the transfective color display that provides clear visibility of results, even in bright sunlight.

Available on the OV-Mini are a power meter, Visual Fault Locator (VFL) and video inspection software. The OV-Mini utilizes Windows[®] CE technology allowing for a faster power-up time of four seconds from sleep mode. Additionally, the OV-Mini has a large internal memory that typically stores up to 500 traces and eliminates the need for a hard drive, which can fail under extreme field conditions. The USB port allows USB memory stick and USB cable download compatibility for easy data transfer.

- For ordering information, refer to specification sheet LAN-1161 on our website (www.corning.com/cablesystems) or contact customer service at 800-743-2675.



OV-Mini Optical Time Domain Reflectometer
| Photo LAN1670



OV-Mini Optical Time Domain Reflectometer
| Photo LAN1666



Corning Cable Systems Engineering Services

Engineering Services - Training and Rental Services

Corning Cable Systems offers comprehensive fiber optic training programs as well as rental equipment. Training Services offer classes taught by our own experienced engineers and technicians throughout North America, while Rental Services allow you to rent state-of-the-art splice or test equipment from us and receive 24/7 support.

www.corning.com/cablesystems/training
www.corning.com/cablesystems/rentals

Engineering Services - Technical Support

When you need access to a technical expert, we deliver it 24/7. The Technical Support Line provides our customers 24/7 phone access to our engineers and technicians, providing assistance on our product specifications, applications, use and performance.

800-743-2673



Engineering Service Training Room
| Photo COR-0035



Engineering Service Training Room
| Photo COR-0061



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