LESS IS MORE.

LESS DOWNTIME
Achieve less or no downtime with the superior transmission reliability of OCC cables, tested beyond industry standards used by other manufacturers. OCC’s Indoor/Outdoor cables transition splice-free from OSP to inside the building for fewer points of potential network failure.

LESS TIME AND SPACE
By using small diameter cables and innovative products like our pre-terminated enclosures, cable assemblies, and kitting, we can help you design a customized high-density, space-saving system that reduces installation time by 25 percent.

LESS WORRY
Better reliability translates into fewer network problems, eliminating the time and cost of additional maintenance associated with many loose-tube and ribbon cables.

BOTTOM LINE: MORE VALUE
OCC delivers a low maintenance, longlife network infrastructure for low total cost of ownership and other cost-saving advantages.

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PROVIDING FLEXIBILITY IN NETWORK DESIGN

OCC offers one of the largest network product portfolios in the industry. More choices and options in end-to-end fiber and copper cabling and connectivity products mean more innovative solutions—providing the freedom for customized innovative design builds that best meet your network and data center requirements.

At OCC, we specialize in making installations faster and easier, while being one of a few manufacturers to offer extensively both harsh and controlled environment solutions to precisely serve every area of your network. Our new product innovations are designed for installation ease and lifetime value.

RELIABILITY TESTING AND INNOVATION:
At OCC, we take reliability seriously, so much so that we independently test all of our products and new innovations well above industry body standards to ensure the highest transmission performance of your network.

CABLING INFRASTRUCTURE:
Offering a broad portfolio of the industry’s strongest, yet highly bendable, battle-tested trunk, distribution and breakout fiber cables in a myriad of fiber types, counts, jackets and configurations, as well as copper cabling to meet your specific needs for your backbone and network applications.

CONNECTIVITY AND TERMINATION:
We offer a wide range of specifically designed fiber and copper connectors, enclosures, cabinets, patch panels, pre-terminated cable assemblies, and plug-and-play solutions for seamless integration, providing the most reliable network transmission and signal integrity.

CABLE MANAGEMENT & RACK SYSTEMS:
With the latest in blade, cassette, adapter plates and broad options of racks and cabinets your cable management, MACs, the future expansion of your network becomes fast, easy, low-maintenance, all while minimizing operational costs.

TECHNICAL AND DESIGN-BUILD EXPERTISE:
Instead of relying on OCC just for products, more and more of our customers rely on our design-build expertise. Our design engineers and technical staff provide unprecedented service, support, and assistance.

ONE-STOP SHOP:
Since we provide one of the largest network solutions portfolio in the industry, many of our customers rely on OCC as their one-source solutions provider from the most reliable end-to-end cabling and connectivity systems down to the shortest patch cable. We can meet your every network need.

CUSTOMER DERIVED INNOVATIONS:
We partner with you, our customer, and listen to your needs. Thanks to our customers, we’ve designed, innovated, and customized some of the best solutions in the industry for the speed, immediate scalability, space savings, and ultra high performance demanded by zero-downtime enterprise networks of all sizes.

COMPETITIVE WARRANTY PROGRAMS:
OCC, in conjunction with certified MDIS installers around the world, is able to offer various competitive warranty and extended warranty programs. OCC has developed warranty plans that offer a flexible approach to a lasting network installation.

OCC INNOVATION:
OCC invented the first tight-buffered, tight-bound, helically stranded fiber cables in the early 1980s for the Department of Defense (DOD) and military zero-downtime network applications. The cables were designed to remove the disadvantages associated with loose-tube cables. And we’ve been busy inventing and innovating ever since.
The first items that both vacation and business guests make sure they did not leave behind are their smart phones, tablets, and laptop computers. They expect today’s resorts, hotels, and other hospitality venues to exceed all of the comforts of home. This includes high speed data transmission of their mobile wireless and Ethernet connections. Many resorts are located in harsh environments requiring the best water and UV blocking products available. OCC’s controlled and harsh environment cables boast the industry’s best water resistance inherent in the design of OCC tight-buffered, tight-bound cables. OCC’s impeccable cabling and connectivity transmission are the perfect solution for the hospitality venue’s high speed LAN and wireless infrastructures, ensuring the ultimate hospitality guest experience.
HC-Series Cables  
HC***JSLACKR where *** is the fiber count (648, 144, 288, etc.)

CAT6 Cable  
OCC-UE64PLM-*XX, OCC-UE64R-*XX, OCC-UE64H-*XX

MSDE Enclosure  
*MSDExx

Faceplates  
FPSK** and DPSK**

DZ-Series Cable  
DZ0******9*P, DZ0******9*R

AX Series  
AX001DLSX9YR, AX002SALT9QP, and many other variations depending on configuration.

Polar Ceiling/Floor Mount Enclosures  
ZES6AP, ZED12AP, ZEW5AP, ZETRIMKIT

RCT1UB - Rack Mount Fiber Enclosures  
RCT1UB

Fanout Kits  
Part numbers will vary depending on configuration.

Fiber Optic Pigtails  
Part numbers will vary depending on configuration.

Fiber Optic Adapter Plates  
616MSC, 6112DSC50G, and many other variations depending on configuration.

Fiber Optic Jumpers  
Part numbers will vary depending on configuration.

*Part numbers will vary
HOSPITALITY SOLUTIONS CUSTOMER:
A MULTINATIONAL HOSPITALITY COMPANY

THE CHALLENGE

Improve the wireless service on several properties around the US. Existing facilities with limited conduit and raceway availability. Several sites required a small but durable backbone cable where they could install a 144 fiber cable in existing and shared conduit. Short timelines and product availability were important. The sites ranged from HI to FL.

THE OCC SOLUTION

OCC Provided the HC Product in place of traditional loose-tube cable. The cable was Indoor/Outdoor rated so the customer was able to eliminate any transitions from typical OSP, thereby reducing overall systems cost and improving deployment time. The HC cable also has a 30 percent smaller OD versus DX and superior mechanicals, which allowed larger fiber counts to be installed in existing conduit. This was a complete system, and they used our fiber enclosures in the installations of a new backbone system at each facility site in order to connect and upgrade their wireless access networks.

CLIENT ASSESSMENT

OCC was able to provide not only superior products to upgrade the resorts’ existing installations, but was also able to do it on a very short timeline, and at a reduced cost over comparable loose-tube systems.
The networks and data centers of many hospitals and healthcare facilities are stretched to capacity due to the influx of new and better medical technologies that require high-bandwidth and high-speed networks. Healthcare facilities are introducing the latest in telemedicine and video telemetry technologies. High-bandwidth imaging, such as MRIs and the latest in 64-320 slice CAT Scan technologies and the conversion of hard copy medical records to digital add to the bandwidth stress as well. Wireless connectivity is crucial for nurses and hospital staff, as well as for many thousands of visitors. OCC provides the mission-critical connectivity for the strongest high-speed LAN backbone and wireless infrastructures. The superior transmission properties and robustness of OCC cables and connectivity solutions also minimize network failures and maintenance problems, allowing for less frequency in accessing floors or ceilings that can harbor pathogens compromising the health and safety of patients and staff.
HEALTHCARE PRODUCTS

1. Category 6A - Shielded Jack
   - K&A5
   - AX Series
   - AX001DSLA9YR, AX002SLTA9QP, and many other variations depending on configuration.
   - CAT6A Shielded Cable
   - OCC-FTP6A4RPM-XX, OCC-FTP6A4R-XX
   - OC Adapter Plates
   - 616MSC, 6112DSC50G, and many other variations depending on configuration.
   - Category 6A Patch Panels
   - PC6AU-

2. Open-frame Racks
   - OF4502, OF4503, OF3603, OF2402, OF2403
   - RTC & RTS Series - Rack Mount Fiber Enclosures
   - RTC1U, RTC2U, RTC4U, RTS4U
   - Wall Mount Cabinet Enclosures
   - WC818, WC1218, WC1818, and many other variations depending on configuration.
   - Fiber Optic Pigtails
   - Part numbers will vary depending on configuration.

   *Part numbers will vary depending on configuration.

   - 19" Freestanding Cabinets
     - CC1203 - CC4507, 9171-HD
   - Category 6A Patch Cords
     - PC6AU-
   - LC Adapter Plates
     - DZ-Series Cable
     - DZ0******9P, DZ0******9R
   - LC Xpress Ultra™ Fiber Connectors
     - RFC-LC6-12, RFC-LC5-12, RFC-LC5G-12, RFC-LC8-12, RFC-LCACP-12,
CUSTOMER: CARILION

THE CHALLENGE

Carilion Clinic is a Virginia-based integrated health care organization that provides quality care for nearly one million Virginians. The system has more than 12,000 employees with 685 physicians and seven hospitals, as well as a Medical School and Research Institute. Carilion needed to standardize their cabling infrastructure across their network and reduce the number of terminations, while also allowing for future growth.

THE OCC SOLUTION

The demand for increased bandwidth and limited conduit/pathway space meant that OCC's DX Cable with a fluoropolymer K Jacket was the right fit for Carilion. OCC's K Jacket enabled Carilion to run plenum rated Indoor/Outdoor cable directly into the building without additional terminations or the cable becoming brittle with constant temperature cycling. By eliminating the need for fan out kits and other consumables and labor associated with loose tube gel filled cable, Carilion realized an average termination cost savings of 66%. OCC was able to deliver a high-performance solution with high lifetime value.

CLIENT ASSESSMENT

OCC has partnered with Carilion for over fifteen years; our long relationship is based on OCC's commitment to finding the right solution, for the right value. OCC's deep product offering allows Carilion to choose the products that fit each of their unique installs.
University and college IT departments must continually meet the onslaught of the various high-bandwidth needs of their students, faculty, researchers, and the community they serve: demands for HD video conferencing for online classes, conversions of hard copy research material to digital, and meeting the needs of BYOD (bring your own devices). Students, especially Millennials, are equipped with every known mobile device. Since many higher education technology expenditures are often funded by grants and taxpayer donations, IT managers work within constrained budgets to deliver the latest and greatest technologies. With OCC, all enterprises, including university/college IT network managers, achieve a scalable long-life network infrastructure that is more low maintenance for low cost of total ownership and continuously less maintenance costs, making the most of their network investment.
HIGHER EDUCATION PRODUCTS

1. Procyon Blade Fiber Enclosure
   PRORTC2U-3ISM, PRORTC3U-6ISM, PRORTC4U-12ISM, PROWTC-2ISM, PROWTC-3ISM

2. HX-Series Cables
   HC***DSLACKR where *** is the fiber count (048, 144, 288, etc.)

3. CAT6 Jacks
   KMJA6*xx, KMJA650*xx

4. Category 6 Patch Panels
   DCC*xx, ACC*xx

5. CAT6 Jacks Copper Cables
   OCC-U64PSLM-*XX, OCC-U64SR-*XX, OCC-U64HR-*XX

6. Category 6 Patch Cords
   PC6ASxx

7. Procyon Blade Fiber Enclosure
   PRORTC2U-3ISM, PRORTC3U-6ISM, PRORTC4U-12ISM, PROWTC-2ISM, PROWTC-3ISM

8. Fiber Optic Jumpers
   Part numbers will vary depending on configuration.

9. DZ-Series Cables
   DZ0******9*P, DZ0******9*R

*Part numbers will vary
CUSTOMER: UNIVERSITY OF SOUTHERN FLORIDA

THE CHALLENGE
With three campuses and over 50,000 students, USF needed to upgrade their existing copper infrastructure to a fiber ring. What is the most cost-effective way to upgrade their data system while ensuring room for future growth?

THE OCC SOLUTION
OCC’s Procyon family of products was the perfect solution to maximize space. The installation of these rugged components are known to withstand repeated use and upgrades. These custom design enclosures work with USF’s existing infrastructure while safeguarding technology expansion for years to come.

CLIENT ASSESSMENT
“We have been working with OCC for over twenty years, and their solutions team delivers every time. We selected their Procyon Blade fiber enclosure for our backbone expansion because it gives us high-density terminations, excellent fiber management, and a small footprint. It saves us rack space versus traditional fiber enclosures but still allows us to easily upgrade our infrastructure in the future.”

– Don Gilbert, Information Technologies Engineer
Whether requiring an MTU/MDU backbone and connectivity or a corporate campus-wide network in which tenants are the employees and operational facilities needed to be supported, OCC provides all the end-to-end cabling and connectivity pieces and parts to streamline the most reliable high-bandwidth, high-speed network. MTUs and many corporate campuses often have areas that require both controlled and harsh environment cabling and connectivity for their fiber and copper pathways, and as with most enterprise networks, are migrating to higher gigabit/per second speeds to meet the bandwidth demands of both wired and wireless applications. At OCC, we have had the privilege of providing many communication networks for some of the top Fortune 500 companies.
COMMERCIAL PRODUCTS

1. DZ-Series Cable
   DZ025***P, DZ025***PR

2. Fiber Optic Pigtails
   Part numbers will vary depending on configuration.

3. RTC Rack Mount Fiber Enclosures
   RTC1U, RTC2U, RTC4U, RTS4U

4. Open-frame Racks
   OF4502, OF4503, OF3603, OF2402, OF2403

5. SC Xpress Ultra™ Fiber Connectors
   RFC-SC6-12, RFC-SC5-12, RFC-SCSG-12, RFC-SCB-12, RFC-SCAPC-12

6. Category 6A Patch Panel
   DCC*xx, ACC*xx

7. RTC Rack Mount Fiber Enclosures
   RTC1U, RTC2U, RTC4U, RTS4U

8. High Capacity Cable Management
   VCM*xx, CM*xx

9. Category 6A Jack
   K6Axx

10. Made-to-order Custom Assemblies
    Contact a member of OCC's sales team today at 1-800-622-7711.

11. Category 6A Field Terminable Plug
    OCCUFP6A, OCCSFPA, FPJP

12. CAT6A Copper Cables
    OCC-U6A4PLM-XX, OCC-U6A4R-XX

*Part numbers will vary
THE CHALLENGE

Booz Allen Hamilton is an international technology and management consulting firm with over 100 locations in 80 countries. BAH relies on its AV engineering team to service collaboration capabilities wherever employees work together, including small huddle rooms, conference centers, labs, command centers, and partner offices. BAH needed cutting-edge AV Solutions to connect their offices across the world while maintaining consistency and reliability.

THE OCC SOLUTION

Garry Neufeld, Engineering Manager for BAH, contacted OCC about purchasing hybrid cables. He also requested that the factory provide the cabling in kit form, with each kit containing pre-terminated, pre-cut cabling for connecting specific equipment in each of the International AV Integrator’s hundreds of AV rooms. Every “plug & play” hybrid cable would be labeled with a specific part number, and each cable box would be designated for a specific location.

CLIENT ASSESSMENT

“Until recently, each facility was equipped with AV cabling that required a niche installation skill set, such as crimping and soldering, because the various types of AV gear were not designed to work together. As we upgraded to digital I saw the opportunity to work with OCC to simplify the installation process, making it more efficient and saving on costs.”

– Garry Neufeld, AV Engineering Manager
Today’s enterprise data center managers face the continuous influx of new technologies, forecasted exponential growth of both mobile devices and mobile data traffic as well as other high-bandwidth, mega-speed challenges, such as massive digitalization and HD 4k/8k video demands. For many, changes to the data center infrastructure have become so rapid and frequent that the challenges seem overwhelming. Moreover, data center operators face an unforgiving public where even a moment of very costly downtime is out of the question. Whether you’re in the migration process of 10G, 25G, 40G, 50G, 100G, or beyond, addressing your virtualization and cloud strategies, or changing your overall architecture, OCC provides a myriad of solutions that will overcome your most pressing challenges for the easy management and development of the most reliable low latency data center.
DATA CENTER PRODUCTS

1. CAT8 Field Terminable Plug & Direct Attach Cables (DA/SFTP8)
   Procyon Cassette Enclosure (PROFIU, PROV1K)
   Procyon MTP-LC Cassette (PROMT12LCUPCSLA, PROMT12LCWLS, PROMT12LCABE)
   Procyon Blade Fiber Enclosure (PRORTC2U-3ISM, PRORTC3U-6ISM, PRORTC4U-12ISM, PROWTC-2ISM, PROWTC-3ISM)
   MT Fiber Optic Cable Assemblies
   Data Center Cabinet (CDC4530, CDC4524)

2. DX-Series Cables (DX***DSLARKR, DX***SALTQKR, *(Others *** is fiber count)*
   HC-Series Cables (HC***DSLACKR where *** is the fiber count (048, 144, 288, etc.)

*Part numbers will vary depending on configuration.

Part numbers will vary depending on configuration.

*Part numbers will vary depending on configuration.
THE CHALLENGE
Studies show that approximately 80 percent of downtime can be attributed to connector- or cable-related causes. OCC’s indoor-outdoor trunk cables transition from OSP to inside the data center splice-free for zero points of network failure. Supporting parallel optics, our factory pre-terminated and customized LC-MPO and MPO to MPO multimode and singlemode cable assemblies are the best in the industry, as each data center product is third party tested beyond industry standards used by other manufacturers.

THE OCC SOLUTION
At OCC, we keep our enterprise network customers ahead of the technology curve. OCC, for example, designed and introduced the industry’s first and only patented Category 8 pluggable RJ-45 connector. With the future in mind, OCC is already on top of emerging trends, such as IoT for the data center, hyperconvergence, and edge computing. By consulting with OCC design engineers, you can have the peace of mind that your enterprise backbone and data center infrastructure are continuously ready for anything that comes down the emerging technology pipeline.

OCC’s vast fiber and copper cabling and connectivity data center solution products are each designed with the speed, immediate scalability, space savings, PoE, airflow cabling management, high density, futureproofing, and ultra high performance demanded by zero-downtime enterprise data centers of all sizes.

For more information about our enterprise and data center infrastructure solutions, call us at 800.622.7711 and ask for a sales representative. We’re ready to assist you.
PRODUCT HIGHLIGHTS: CABLES

**HC-Series Cables**
- This tight-buffer fiber unit cable is perfect for duct or aerial lash installations. OCC Indoor/Outdoor tight-buffered fiber optic cables meet or exceed the functional requirements of the following standards: ICEA-S-104-696, TIA-568, and TIA-598.

**A-Series Assembly - Riser, Plenum, & LSZH IEC Rated Cables**
- Resilient and flexible for jumpers, patch cords, and pigtails, these A-Series Cables are suitable for general-purpose indoor use, such as routing connections in patching systems. These short “patch cord” cables are ideal for links between electronic equipment and main fiber optic cables.

**Cat6A Shielded Cable**
- Tested from 1 to 600 MHz and offers guaranteed headroom to TIA 568-C.2 Category 6A cable requirements
- Guaranteed 10GBASE-T performance compliant
- Components are twisted into pairs with varying left-hand lays to minimize cross-talk

**CX-Series Composite Copper/Fiber Riser and Plenum Rated Cables**
- Ideal for data communication and control installations that require fiber and copper under one cable jacket. Composite fiber/copper cables are intended for use on Class 2 power-limited circuits as described in Article 725 of the National Electrical Code

**D-Series Distribution – Plenum Rated Cables**
- Used in trunking, LAN and distribution applications where small size, lightweight, and versatile installation capability are required for ducts, plenums, and air-handling spaces. Ideal configuration for a single termination point requiring multiple fibers

**DZ-Series–Riser Rated Cables**
- Offering the durability you expect from OCC, these distribution cables provide all of the indispensable elements needed for Indoor and Indoor/Outdoor commercial applications, while providing great value.

**D-Series Distribution Riser Rated Cables**
- Indoor/outdoor tight-bound tight buffered design allows cables to be installed in intra-building backbone and inter-building, campus locations without costly transitions between cable types. Ideal configuration for a single termination point requiring multiple fibers.

**Category 6 Copper Cable**
- Performance guaranteed to 350 MHz and compliant to Category 6 TIA-568-C.2 cable requirements
- Fully compliant with Power over Ethernet (PoE+) technology

**Procyon™ MTP-LC Cassette**
- The Procyon™ Fiber Cassette by OCC is designed to provide easy transition of trunk cables terminated with MTP connections to LC duplex connectivity in your data center or structured cabling project. It is part of an overall pre-terminated cabling architecture, with a small form factor, integrated cable management and cassette extraction features, it delivers high density and at the same time maintains easy accessibility.

**Fiber Optic Adapter Plates**
- To accompany all OCC fiber optic enclosures, Optical Cable Corporation developed snap-in fiber adapter plates that are versatile enough to meet any fiber application and durable enough to withstand field installations. All OCC fiber adapter plates guarantee performance parameters for the application specified, and can be preloaded into OCC fiber cabinets for easy plug-and-play operability.

**Fanout Kits**
- Protect bare fiber and prepare HC cable for direct termination to industry-standard connectors
- Separate 250 um fibers and route into color-coded 900 um buffer tubes with no proprietary tools

**PRODUCT HIGHLIGHTS: CONNECTIVITY**
PRODUCT HIGHLIGHTS: CONNECTIVITY

XPRESS ULTRA™ Fiber Connectors (Available in LC, ST, SC Connector Kits)
For those who prefer to assemble connectors at the component level, a complete line of connector kits for field terminations. Each connector kit offers exceptional performance in an easy-to-install under two minutes.

Category 6 - KMJ Jacks
OCC’s KMJ jacks offer printed circuit board technology that provides best-in-class Category 6 component performance. With standard 110-style terminations, OCC’s Category 6 KMJ jacks are ETL verified to TIA 568-C.2 Category 6 specifications.

Category 6A - Field Terminable Plug
The dramatic growth of wireless access points and other IP-enabled devices, such as surveillance cameras and building automation devices, has created a demand for a field installable modular plug that is easy to terminate and meets Cat6A performance requirements.

Category 8 - Field Terminable Plug & Direct Attach Cables
OCC’s new Category 8 field terminable plug is simple to terminate with no specialized tools required and supports high-performance 25/40 Gigabit networks.

PRODUCT HIGHLIGHTS: ASSEMBLIES

MT Fiber Optic Cable Assemblies
The OCC MT-to-MT Cable Assembly coupled with OCC’s MT Cassette Modules offers a true plug-and-play connectivity solution that effectively eliminates standard labor costs associated with fiber field installations.

Fiber Optic Jumppers
With unmatched insertion loss and exceptional return loss, OCC’s fiber jumpers ensures the right connection every time. Available in simplex and duplex, multimode 50/125, OM3, OM4, 62.5/125, or single-mode in a variety of connector types and lengths. The discrete connectors utilize ceramic ferrules.

Fiber Optic Pigtails
Color-coded 900 micron pigtails are available in 6- or 12-bundle and can be pre-terminated in any OCC rack-mount or wall-mount cabinet, or they can be customer configured for field installations.

PRODUCT HIGHLIGHTS: ENCLOSURES

Open-Frame Racks
When looking to install a passive optical network with reliable technology, look no further than OCC’s newly developed POL Solution. POL systems afford substantial improvements in energy savings and are more environmentally friendly than many traditional cabling infrastructures. As a leader in fiber optic infrastructure, OCC provides a complete system with intuitive components that make installation nearly effortless.

Passive Optical LAN Enclosures
• OCC’s ZEWMASP series fiber optic cross connect enclosures provide fiber management, connectivity, and distribution for multiple fiber optic cable applications.
• Accommodates OCC 600 series snap-in adapter plates. Plates are ordered separately.
• Rugged 16-gauge steel construction with a durable white powder coat finish.

Wall Mount Zone Enclosure
• OCC’s ZEWMAP series fiber optic cross connect enclosures provide fiber management, connectivity, and distribution for multiple fiber optic cable applications.

Color-coded 900 micron pigtails are available in 6- or 12-bundle and can be pre-terminated in any OCC rack-mount or wall-mount cabinet, or they can be customer configured for field installations.

PRODUCT HIGHLIGHTS: ENCLOSES
PRODUCT HIGHLIGHTS: ENCLOSURES

Data Center Cabinets
Introducing Optical Cable Corporation’s new Data Center Cabinet, providing mounting, storage, power, and cooling to equipment in any Data Center. The structural integrity and modular design provide flexibility and adaptability to active and passive equipment, keeping the equipment and associated cabling organized, powered, and cool while providing selective degrees of security.

Polan Ceiling/Floor Mount Enclosures
When looking to install a passive optical network with reliable technology, look no further than OCC’s newly developed POL Solution. POL systems afford substantial improvements in energy savings and are more environmentally friendly than many traditional cabling infrastructures.

Procyon™ Blade Enclosure
OCC’s Procyon® Blade™ is the newest addition to the Procyon product family of high-density network solutions. Designed to provide superior organization, accessibility, and density, the Blade system enclosures and in-line splice modules facilitate the highest optical performance over the longest runs, making it ideal for multiple building network configurations.

Procyon™ Fiber Enclosure
The Procyon Fiber Enclosure by OCC is designed for high density with comprehensive trunk and patch cord cable management features. The unit accommodates 144 LCs or 48 MPOs in 1RU. The unit is designed to be easily accessible when fully populated, can be horizontally or vertically mounted (with hardware), and is intended to be used for switching, server, and storage applications.

RTC1UB - Rack Mount Fiber Enclosures
Optical Cable Corporation’s RTC1UB series fiber optic cabinets offer a quick solution for easy high-density connectivity. Whether ordering empty for field installations or completely pre-terminated for easy plug-and-play installations, the RTC1UB rack-mount enclosures are a versatile and flexible option for your advanced fiber optic needs.

RTC1UB - Rack Mount Fiber Enclosures
Optical Cable Corporation’s RTC1UB series fiber optic cabinets offer a quick solution for easy high-density connectivity. Whether ordering empty for field installations or completely pre-terminated for easy plug-and-play installations, the RTC1UB rack-mount enclosures are a versatile and flexible option for your advanced fiber optic needs.

Wall-Mount Cabinet Enclosure
When networks need added security for wall-mounted applications, Optical Cable Corporation offers wall-mount cabinet enclosures. The OCC Wall-mount Enclosures feature a locking smoked Plexiglas® or steel front door, two adjustable shelf mounting rails and a locking rear swing frame with heavy-duty quick-release hinges for easy wall-mounting and fast access to the rear of installed equipment.

19” Freestanding Cabinets
All 19” freestanding cabinets feature:
• Four mounting rails
• Vented top with three 3” diameter cable-entry points
• Quick-release locking, vented sides
• Smoked Plexiglas® locking front door
• Solid steel, locking, vented rear door
• Leveling feet standard; locking casters optional

Fiber Termination Enclosures
These fiber optic enclosures allow for easier terminations, greater capacity, and uncomplicated cable management. Fabricated from 16-gauge steel to withstand years of adds, moves, and changes, the RTC and RTS enclosures incorporate features designed to reduce installation time and cost.

Loaded Enclosures
Optical Cable Corporation has always strived to provide an easy solution for any structured cabling problem. To alleviate the need for complicated fiber optic installations, OCC offers a complete line of pre-terminated and completely loaded fiber optic enclosures. Every OCC wall-mount or rack-mount cabinet can be factory terminated for easy field installs and comes with testing information for 100% guaranteed performance.

High-Capacity Cable Management
These high-quality cable management products are designed for modern, high-performance, network cabling. OCC’s products feature effective cable management options with built-in flexibility to address any structured cabling platform and offer multiple options for width, height, and depth and all the configurations you need for rack-mount cable management requirements.

MSDE Enclosures
The MSDE, Multiple Service Distribution Enclosure, offers a complete and cost-effective solution for distributing high-speed data, communication, and video services in multi dwelling units, townhouses, and small residences. With this centralized location, all household services can be easily distributed to multiple sites within the residence.

KMJ Faceplates
OCC’s Keystone line of faceplates offers customers a versatile and flexible approach to any workstation demand. Available to meet a variety of configurations, OCC’s KMJ faceplates offer convenience in a visually appealing solution for any desktop purpose.

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EXTENDED PERFORMANCE 25-YEAR LINK AND GUARANTEED CHANNEL HEADROOM WARRANTY

OCC offers an extended system performance warranty with guaranteed headroom margin to assure installation confidence and dependability. The OCC Extended Performance 25-Year Link and Guaranteed Channel Headroom Warranty certifies that OCC passive connecting hardware, fiber optic cable, and copper cable that have been installed by an MDIS Installer will support all applications designed for data transmission over Fiber Optic, Category 5e, Category 6, or Category 6A as applicable. These components will perform to the applicable channel and permanent link specifications of ANSI/TIA-568-C.2 Clause 6 and ISO/IEC 11801 for passive cabling channels. Additionally, OCC provides a guaranteed channel headroom margin for OCC Category 5e, Category 6, and Category 6A end-to-end channel solutions (see guaranteed headroom margin tables). Certified permanent links comprised of OCC cable and connecting hardware are automatically covered by the Extended Performance 25-Year Link and Guaranteed Channel Headroom Warranty when OCC patch cords are used as part of the channel.

The Extended Performance 25-Year Warranty is also applicable to direct attach links utilizing OCC field terminable plugs and tested in a modified permanent link configuration using the appropriate OCC field plug test adapter for the performance category of the link under test. They shall be free from defects in material and workmanship for at least 25 years from the date of purchase. A warranty application and additional required project documentation must be received and recorded by OCC prior to certificate issuance.

OCC end-to-end infrastructure solutions support IEEE standards for DC power delivery over 4-pair cabling when installed in accordance with TIA Telecommunications Systems Bulletin TSB-184-A, Guidelines for Supporting Power Delivery. For more information about OCC’s Extended Performance Warranty, visit occfiber.com/warranty or contact a member of OCC’s sales team today at 1-800-622-7711.
GLOBAL PARTNERS & LOCATIONS

OCC ROANOKE, VA
Corporate Headquarters and Fiber Optic Cable Manufacturing Facility
5290 Concourse Drive
Roanoke, VA 24019 USA
540-265-0690 or 800-622-7711

OCC DALLAS, TX
Harsh Environment and Specialty Connectivity Manufacturing Facility
1700 Capital Avenue, Suite 150
Plano, TX 75074 USA
972-509-1500 or 877-509-1500

OCC ASHEVILLE, NC
Enterprise Connectivity Manufacturing Facility
33 Superior Way
Swannanoa, NC 28778 USA
828-298-2260 or 800-880-7674

JOIN OUR SOCIAL NETWORK

For the most up-to-date information on all of OCC’s products, news, and information, visit our website at occfiber.com. Registered users get added benefits, access to additional information and white papers, and more.

Like us on Facebook: facebook.com/OCCSolutions
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