ENTERPRISE
SOLUTIONS GUIDE

> HOSPITALITY

> HEALTHCARE

> HIGHER EDUCATION

> COMMERCIAL

> DATA CENTER

OCC®

LESS IS **MORE.**

LESS DOWNTIME

Reduce 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 Outside Plant (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.

BOTTOM LINE: MORE VALUE

OCC delivers a low-maintenance, long-life network infrastructure for low total cost of ownership and other cost-saving advantages.

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 extensively offer 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.

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PROVIDING FLEXIBILITY IN NETWORK DESIGN.

RELIABILITY TESTING AND INNOVATION

At OCC, we take reliability seriously. So seriously, in fact, that we independently test all of our cables well above industry standards to ensure the highest quality products for your high-performance network.

CABLING INFRASTRUCTURE

OCC offers a broad portfolio of cables in a myriad of fiber types, counts, ruggedness, and construction styles to meet your specific needs. More than just battle-tested cables, OCC also manufactures cables for a wide range of environments, including the controlled environments found in Enterprise settings.

CONNECTIVITY AND TERMINATION

OCC's wide range of connectivity products—including enclosures, adapter plates, connectors, and pre-terminated cable assemblies—provide a reliable cable termination solution that make Moves/Adds/Changes (MAC's) fast and easy to minimize operational costs.

CABLE MANAGEMENT & RACK SYSTEMS

The Procyon® Blade™ is a revolutionary, high-density fiber managment system from OCC that literally turned fiber management on its edge. The Procyon Blade is designed to work seamlessly with OCC's high-density HC Cable to provide terminations for up to 288 fibers when using LC connectors.

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 every one of your network needs.

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 minimum 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 long-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 minimum 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.

HOSPITALITY SOLUTIONS

TODAY'S VACATION AND BUSINESS GUESTS EXPECT RESORTS, HOTELS, AND OTHER HOSPITALITY VENUES TO EXCEED ALL THE COMFORTS OF HOME, including providing widespread, high-speed wireless internet access throughout the facility. Many resorts are located near the oceanfront and know just how harsh daily exposure to sunlight and saltwater truly is. OCC's enterprise and harsh environment products enable these hospitality venues to install cabling and connectivity that will ensure the ultimate digital guest experience for many years to come.

CUSTOMER: AN INTERNATIONAL HOSPITALITY COMPANY

THE CHALLENGE

This international hospitality company wanted to improve the wireless internet service on several properties around the U.S., including Hawaii and Florida. They needed to improve existing facilities that had limited conduit and raceway space available for additional cables. This required a small, but durable, backbone cable where they could install 144 fibers in an existing, partially-filled conduit. As with many projects, short timelines and product availability were key to success.

THE OCC SOLUTION

OCC's HC Cable was used in place of traditional cabling systems. HC Cable is Indoor/Outdoor rated, allowing the customer to eliminate any transitions from the outside plant environment to the in-building cabling, thereby reducing overall deployment time and cost. The HC Cable was terminated in OCC's fiber enclosures for reliable connections between buildings. OCC can ship many in-stock products on the same day if ordered by noon, enabling this customer to meet their tight deadlines.

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."

– Customer, IT Director

HOSPITALITY DIAGRAM

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

2 **Category 6 Cables** – OCC-UE64PLM-05, OCC-UE64R-05, OCC-U64HPLM-05

MSDE Enclosures – MSDET000D00V0

Faceplates – FPSK0401, DPSK0601

3 **DZ-Series Cables** – DZ012TWLS9DP, DZ024DSLX9YR

4 **A-Series** – AX001NSLA9YR, AX002SALT9QP, and many other variations depending on configuration

POL Ceiling/Floor Mount Enclosures – ZES6AP, ZED12AP, ZEWM5AP, ZETRIMKIT

5 **Rack Mount Fiber Enclosures** – RTC1U-3APB

Fanout Kits – Part numbers will vary depending on configuration

Fiber Optic Pigtails – Part numbers will vary depending on configuration

Fiber Optic Adapter Plates – 616SMSC, 6112DSC50G, and many other variations depending on configuration

Fiber Optic Jumpers – Part numbers will vary depending on configuration

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 hospital staff and 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, thus compromising the health and safety of patients and staff.

CUSTOMER: CARILION

THE CHALLENGE

Carilion Clinic is a Virginia-based integrated healthcare 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, limited by conduit and pathway spaces, meant that OCC's D-Series Indoor/Outdoor Plenum Rated Cable with a fluoropolymer jacket was the right fit for Carilion. This particular cable is small in diameter and its jacket has a lower coefficient of friction than other jacket types, both of which contributed to easy cable installation in tight spaces. Additionally, this Indoor/Outdoor product allowed Carilion to run the cable directly into the building from outside and then into the plenum space without additional transition points. By eliminating the need for transition points, fanout kits, other consumables, and labor associated with loose-tube gel-filled cables, Carilion realized an average termination cost savings of 66%.

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 installations.

HEALTHCARE DIAGRAM

1 **Category 6A Shielded Jacks** – K6AS

A-Series – AX001NSLA9YR, AX002SALT9QP, and many other variations depending on configuration.

Category 6A Shielded Cables – OCC-FTP6A4PLM-05, OCC-FTP6A4R-05

DZ-Series Cables – DZ012TALT9QP, DZ006DSLX9YR

Category 6A Patch Cords – PC6AS

DX-Series Indoor/Outdoor Plenum Cables

2 **Open-Frame Racks** – OF4502, OF4503, OF3603, OF2402, OF2403

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.

19" Freestanding Cabinets – CC1203, CC4507

Category 6A Patch Panels – DCC2488/1106A-S, ACC4888/110A-S

LC Adapter Plates – 6112SMDLC, 6124QLC50G, and many other variations depending on configuration.

LC Xpress Ultra™ Fiber Connectors – RFC-LC6, RFC-LC5G, RFC-LC8, RFC-LCAPC

HIGHER EDUCATION SOLUTIONS

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).

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 achieve a scalable, long-life network infrastructure that is lower maintenance for lower cost of total ownership, making the most of their network investment.

CUSTOMER: UNIVERSITY OF SOUTHERN FLORIDA (USF)

THE CHALLENGE

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

THE OCC SOLUTION

OCC's Procyon Blade system was the perfect solution to meet USF's needs and maximize flexibility for future growth. Additionally, the Procyon Blade system has space within the enclosure dedicated to cable managment, enabling each Blade to be accessed without disturbing network traffic on neighboring blades.

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
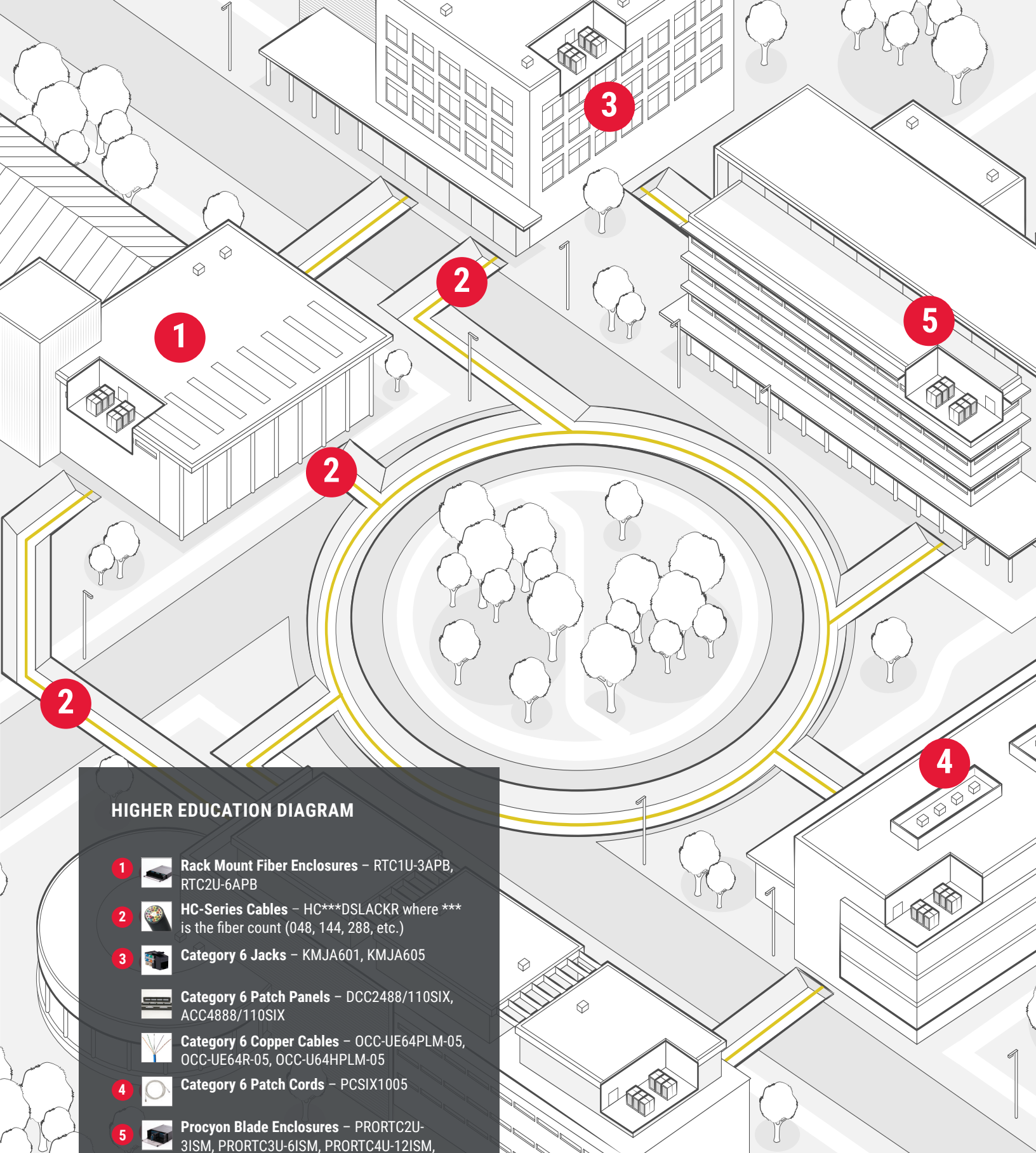
HIGHER EDUCATION DIAGRAM

1 **Rack Mount Fiber Enclosures** – RTC1U-3APB, RTC2U-6APB

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

3 **Category 6 Jacks** – KMJA601, KMJA605

Category 6 Patch Panels – DCC2488/110SIX, ACC4888/110SIX

Category 6 Copper Cables – OCC-UE64PLM-05, OCC-UE64R-05, OCC-U64HPLM-05

4 **Category 6 Patch Cords** – PCSIX1005

5 **Procyon Blade Enclosures** – PRORTC2U-3ISM, PRORTC3U-6ISM, PRORTC4U-12ISM, PROWTC-2ISM, PROWTC-3ISM

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

DZ-Series Cables – DZ006DALT9QR, DZ012TSLX9YP

COMMERCIAL SOLUTIONS

MULTIPLE DWELLING UNITS (MDU'S) AND CORPORATE CAMPUSES ARE MIGRATING TO HIGHER DATA RATES TO EACH END USER, INCLUDING GIGABIT PER SECOND RATES TO EACH DWELLING. OCC provides all the end-to-end cabling and connectivity products needed to install the most reliable, high-bandwidth networks to meet today's growing demands for data. OCC has had the privilege of providing communication infrastructure to many of the top Fortune 500 companies.
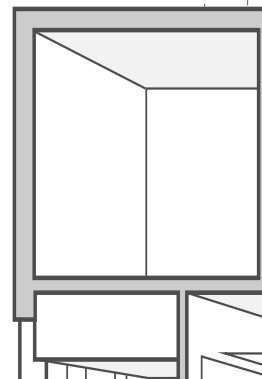
CUSTOMER: BOOZ ALLEN HAMILTON

THE CHALLENGE

Booz Allen Hamilton, an international technology and management consulting firm, relies on its AV Engineering team to service collaboration capabilities at multiple huddle rooms, conference centers, and command centers at each of their many offices worldwide. They needed a cutting-edge AV solution to enable this connectivity and to facilitate efficient installations.

THE OCC SOLUTION

Garry Neufeld, the AV Engineering Manager at Booz Allen Hamilton, contacted OCC about purchasing cabling in kit form, with each kit containing pre-terminated, pre-cut cabling for connecting specific equipment in their hundreds of AV rooms. Every pre-terminated cable was labeled with a unique part number and designated for a specific location. This enabled the installation to be quickly plugged together without the need for field-terminating fiber optic cables.

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
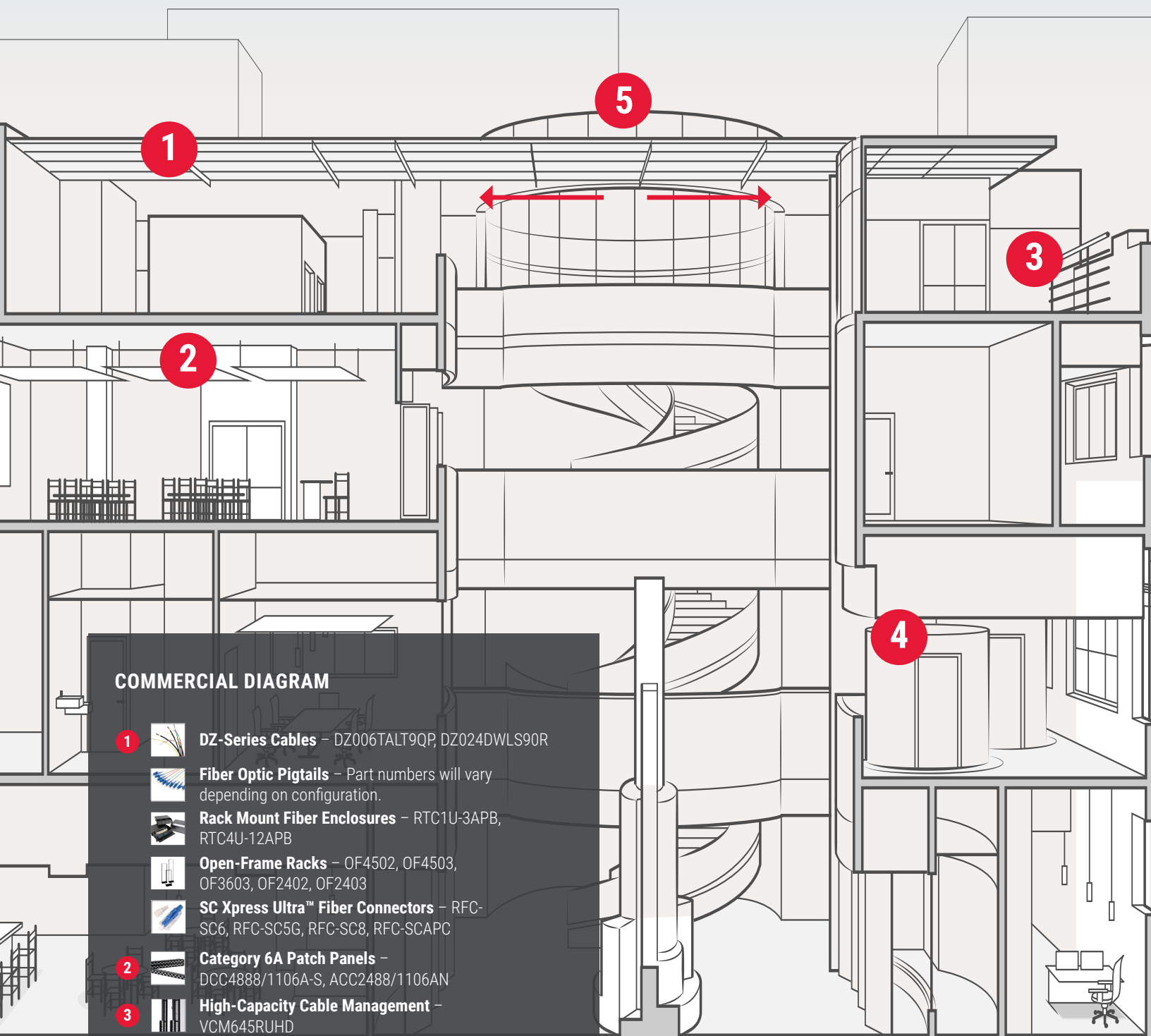
COMMERCIAL DIAGRAM

1 **DZ-Series Cables** – DZ006TALT9QP, DZ024DWLS90R

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

Rack Mount Fiber Enclosures – RTC1U-3APB, RTC4U-12APB

Open-Frame Racks – OF4502, OF4503, OF3603, OF2402, OF2403

SC Xpress Ultra™ Fiber Connectors – RFC-SC6, RFC-SC5G, RFC-SC8, RFC-SCAPC

2 **Category 6A Patch Panels** – DCC4888/1106A-S, ACC2488/1106AN

3 **High-Capacity Cable Management** – VCM645RUHD

Category 6A Jacks – K6A01, K6A05

4 **Made-To-Order Custom Assemblies** – Contact a member of OCC's sales team today at 1-800-622-7711.

Category 6A Field Terminable Plugs – OCCUFP6A, OCCSFP6A, FPJP

5 **Category 6A Copper Cables** – OCC-U6A4PLM-05, OCC-U6A4R-05

DATA CENTER SOLUTIONS

TODAY'S DATA CENTER MANAGERS FACE CONTINUOUS GROWTH AND AN INFLUX OF NEW DEMANDS ON THEIR DATA CENTER INFRASTRUCURE. Digital content is growing exponentially, and the need to store and transport the quantity of data associated with social media, as well as HD and 4K video, tax even the best-designed networks. For many, changes to the data center infrastructure have become so rapid and frequent that the challenges seem overwhelming. OCC provides a myriad of solutions that will overcome the most pressing challenges for the easy management and upgrade of your data center.
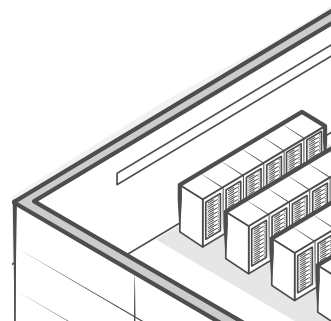
THE CHALLENGE

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 fewer points of network failure. Supporting parallel optics, our factory pre-terminated and customized MPO-to-LC and MPO-to-MPO multimode and single-mode cable assemblies are the best in the industry, as each data center product is tested beyond industry standards used by other manufacturers.

THE OCC SOLUTION

*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.*

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 RJ45 connector. With the future in mind, OCC is already on top of emerging trends, such as Internet of Things (IoT), hyperconvergence, and edge computing. By consulting with OCC's design engineers, you can have peace of mind that your enterprise backbone and data center infrastructure are continuously ready for anything that comes down the emerging technology pipeline.

CLIENT ASSESSMENT

OCC's vast fiber and copper cabling and connectivity data center solution products are each designed with the speed, scalability, space savings, Power over Ethernet (PoE), cable management, high-density, and ultra high-performance demanded by enterprise data centers of all sizes.

DATA CENTER DIAGRAM

1 **Category 8 Cable Assemblies** – DA/SFTP8LS10M-08, DA/SFTP8LS5M-08

Procyon Cassette Enclosures – PROF1U, PROVBKT

Procyon MTP-to-LC Cassettes – PROMT12LCUPCSLA, PROMT12LCSLA, PROMT12LCABT, PROMT12LCWLS, PROMT12LCABE

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

Procyon Blade Fiber Enclosures – PRORTC3U-6ISM, PRORTC4U-12ISM

MT Fiber Optic Cable Assemblies – Part numbers will vary depending on configuration.

Data Center Cabinets – Contact a member of OCC's sales team today at 1-800-622-7711.

2 **DX-Series Cables** – DX012DSLA9KR, DX024TALT9QP

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

PRODUCT HIGHLIGHTS

CABLES

HC-SERIES CABLES

» Perfect for duct installations
» Rugged, tight-buffered fiber unit construction
» Each fiber unit contains 12, 245μm fibers
» Cable materials are Indoor/Outdoor: UV, fungus,
  and water resistant

A-SERIES ASSEMBLY–RISER, PLENUM, OR LSZH IEC RATED CABLES

» Resilient and flexible for jumpers and patch cords
» Suitable for general-purpose indoor use, such as
  routing connections in patching systems
» Ideal for links between electronic equipment and
  main fiber optic cables

CATEGORY 6A SHIELDED CABLES

» 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
 » Available in riser or plenum rated

D-SERIES DISTRIBUTION–RISER RATED CABLES

» Indoor/Outdoor, 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
» High crush resistance may eliminate the need for innerduct
» Low-smoke PVC jacket

CX-SERIES COMPOSITE COPPER/FIBER RISER OR PLENUM RATED CABLES

» Ideal for data communication and control
  installations that require fiber and copper
  under one cable jacket
» Hybrid fiber/copper cables are intended
  for use on Class 2 power-limited circuits
  as described in Article 725 of the National
  Electrical Code
» Larger gauge wires are available to
  overcome powering distance limitations

CATEGORY 6 COPPER CABLES

» Performance guaranteed to 350 MHz and
  compliant to Category 6 TIA568-C.2 cable
  requirements
» Fully compliant with Power over Ethernet
  (PoE+) technology
» Available in riser or plenum rated

DZ-SERIES CABLES

» Lightweight and allows ease of
  termination
» -40°C to + 70°C Temperature
  Range
» A versatile choice: available
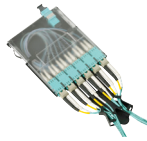 in Indoor/Outdoor Riser (OFNR) or Indoor/Outdoor
  Plenum (OFNP)
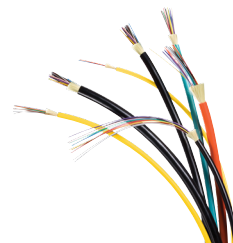
CONNECTIVITY

### PROCYON MPO-TO-LC CASSETTE

» Designed to provide easy transition of trunk cables terminated with an MPO connector to duplex LC
» Accommodates 1-MPO to 12-LC fiber connections
» Delivers high-density and easy accessibility

FANOUT KITS

» Protects bare fiber and prepares HC Cable for direct termination to industry-standard connectors
» Separate 250µm fibers and route into color-coded 900µm buffer tubes with no proprietary tools
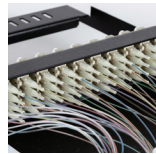
FIBER OPTIC ADAPTER PLATES

» Versatile enough to meet any fiber application and durable enough to withstand field installations
» Guaranteed performance parameters for the application specified
» Can be preloaded into OCC fiber cabinets for easy plug-and-play operability

XPRESS ULTRA FIBER CONNECTORS (AVAILABLE IN LC OR SC CONNECTER KITS)

» For those who prefer to assemble connectors in the field
» Provides easy installation in under two minutes

CATEGORY 6 KMJ JACKS

» Offers printed circuit board technology that provides best-in-class Category 6 component performance
» ETL verified to TIA 568-C.2 Category 6 specifications
» Meets IEC 60603-7 requirements
» Long-term application confidence

CATEGORY 6A FIELD TERMINABLE PLUGS

» Designed to support 10 Gigabit networks and can be easily terminated using parallel jaw pliers
» Meets TIA-568-C.2 Category 6A component performance and may be used in Category 5e, 6, and 6A Direct Attach links or channels

CATEGORY 8 FIELD TERMINABLE PLUGS

» Simple to terminate using parallel jaw pliers
» Supports high performance 40 Gigabit networks
» Meets TIA-568-C.2-1 Category 8 component performance and is backwards compatible for use in Category 5e, 6, and 6A Direct Attach links or channels

CATEGORY 6A PATCH PANELS

» Offers a high-density solution for 10GBASE-T Ethernet applications
» Exceeds TIA Category 6A standards and achieves superior performance compliance
» Offers mounting flexibility and removable cable strain-relief bar

CATEGORY 6 PATCH PANELS

» Offers patented technology, mounting flexibility, and guaranteed bandwidth performance
» Exceeds TIA Category 6 standards and achieves superior performance compliance
» Power-safe modular jack contacts

Contact your OCC representative at 1-800-622-7711 for ordering information. We're ready to assist you.

PRODUCT HIGHLIGHTS

ASSEMBLIES

CATEGORY 6 SHIELDED PATCH CORDS
» Exceeds TIA 568-C.2 Category 6 specifications
» Compliant with Power over Ethernet (PoE+) requirements
» DC current rating — 1.5 A per conductor at 20°C ambient de-rated to 0.75 A at 60°C

CATEGORY 6A SHIELDED PATCH CORDS
» Exceeds TIA 1176 CAT 6A specifications
» Center-tuned modular plugs
» Compliant with Power over Ethernet (PoE+) requirements
» DC current rating — 1.5 A per conductor at 20°C ambient de-rated to 0.75 A at 60°C

MT FIBER OPTIC CABLE ASSEMBLIES
» Available in 6- or 12-bundle pigtails
» Color-coded 900µm designed for splicing in enclosure environments
» Components allow for effortless installations

FIBER OPTIC JUMPERS
» Discrete connectors utilizing ceramic ferrules
» Available in simplex and duplex
» Available in 50µm OM3, OM4 62.5µm, and single-mode
» Available with LC, SC, ST, and other connector options

FIBER OPTIC PIGTAILS
» Available in 6- or 12-bundle pigtails
» Color-coded 900µm designed for splicing in enclosure environments
» Available in 50µm OM3, OM4 62.5µm, and single-mode
» Available with LC, SC, ST, and other connector options

ENCLOSURES

OPEN-FRAME RACKS
» Ideal for equipment rooms and telecommunications closets
» 3" deep vertical channels are tapped on front and back for #12-24 pilot point combo head screws
» 7/8" holes for floor bolting
» Sturdy aluminum construction

PASSIVE OPTICAL LAN ENCLOSURES
» Adapter mounting plate may be rotated forward for greater accessibility during installation
» Optional ceiling trim kit
» UL 2043 certification for air-handling spaces (plenum)

WALL MOUNT ZONE ENCLOSURES
» OCC'S ZEWM5AP series fiber optic cross connect enclosures provide fiber management, connectivity, and distribution for many fiber optic cable applications
» Accommodates OCC 600 series snap-in adapter plates (plates ordered separately)
» Rugged, 16 gauge, steel construction with a durable white powder coat finish

DATA CENTER CABINETS
» Provides mounting, storage, power, and cooling to equipment
» Modular design provides flexibility and adaptability to active and passive equipment
» Ideal for use in Data Centers, Central Offices, and Equipment Rooms

ENCLOSURES

### PROCYON BLADE ENCLOSURES

» Maintains superior connections for inter- and intra-building cable runs
» Simple access for easy installations
» Perfect for any high-density splicing application

LOADED ENCLOSURES

» Alleviates the need for complex fiber optic installations
» Pre-terminated enclosures allow for out of the box operability
» Available in a variety of termination options and application combinations (single-mode or multimode)
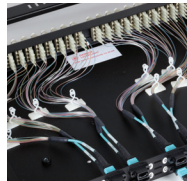
HIGH-CAPACITY CABLE MANAGEMENT

» Aesthetically pleasing design
» Built-in flexibility
» Simple, modular and easy to install

PROCYON FIBER ENCLOSURES

» High-density connectivity
» Accommodates 12 Procyon cassettes simultaneously
» Combined Cassette and Panel Chassis cable management for easy access to all connectivity during high-density installations

RACK MOUNT FIBER TERMINATION ENCLOSURES

» Available in both fixed (RTC) and sliding (RTS) versions
» 1RU, 2RU, and 4RU configurations available to accommodate project size
» Hardware included for 19" or 23" rack mounting

MULTIPLE SERVICE DISTRIBUTION ENCLOSURES (MSDE)

» Rugged, steel construction, including flanged, latching door
» Preset wall thickness tabs for easy installations
» Can be ordered empty or preconfigured

WALL MOUNT CABINET ENCLOSURES

» Removable doors
» Two adjustable shelf-mounting rails
» Disassembles for easy mounting
» Solid steel or locking smoked Plexiglas® doors available

19" FREESTANDING CABINETS

» Four mounting rails
» Vented top with 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

KMJ FACEPLATES

» Smooth surface faceplates accept any KMJ jack or adapter
» Available in oversized for coverage of imperfect drywall cuts
» Available with or without label windows

Contact your OCC representative at 1-800-622-7711 for ordering information. We're ready to assist you.

EXTENDED PERFORMANCE 25-YEAR LINK AND GUARANTEED CHANNEL HEADROOM WARRANTY

TECHNICAL AND DESIGN-BUILD EXPERTISE

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 Over Balanced Twisted-Pair Cabling.

QUICK SHIPPING

FAST AS FIBER

24+HR QUICK TURNAROUND

SAME DAY SHIPPING ON IN-STOCK ITEMS IF ORDERED BY 12PM, EST.

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.

LOCATIONS

ROANOKE

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OCC ROANOKE, VA	OCC DALLAS, TX	OCC ASHEVILLE, NC
Corporate Headquarters and Fiber Optic Cable Manufacturing Facility	**Harsh Environment and Specialty Connectivity Manufacturing Facility**	**Enterprise Connectivity Manufacturing Facility**
5290 Concourse Drive	1700 Capital Avenue, Suite 150	33 Superior Way
Roanoke, VA 24019 USA	Plano, TX 75074 USA	Swannanoa, NC 28778 USA
540-265-0690 or 800-622-7711	**972-509-1500 or 877-509-1500**	**828-298-2260 or 800-880-7674**

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