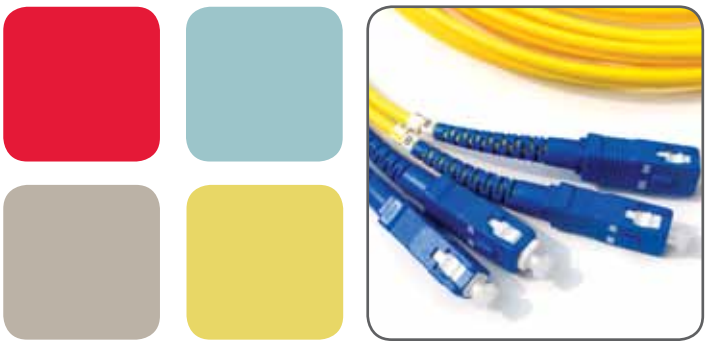
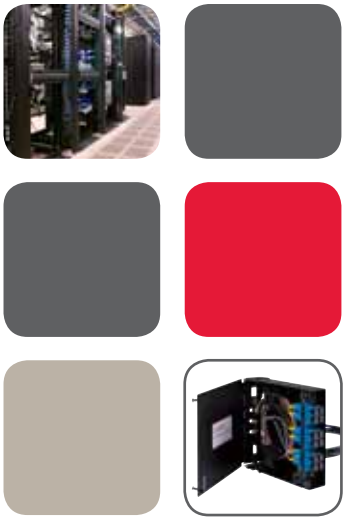
OCC®

Fiber Optic Infrastructure Solutions





High-performance and reliable networks are essential to keeping businesses operating efficiently in today's economy. From data centers that house millions of terabytes of data to the enterprise workstation, the need for a network infrastructure that can meet high bandwidth demands and provide consistent performance is essential. We live in a connected world where instantaneous communications are not only critical to business but expected in our personal lives.

For over 30 years, OCC has been known as a provider of dependable and innovative optical cabling products. However, as we have grown through strategic acquisitions and product expansions, OCC has broadened our scope from a manufacturer of optical cable to a total solutions provider of copper, fiber and cellular distribution systems, offering products that simplify connectivity and speed installation. OCC has effectively created a single source for integrated end-to-end solutions.

Our history of innovation has not only improved and expanded our own product offering but has shaped the technology for the entire industry. OCC pioneered and patented the electrical low cross-talk cancellation technology that revolutionized the high-speed connector industry and effectively created Category 5. In addition, evolutions in this technology and product design led to the development of higher performance standards, including Category 6A systems designed to support 10 Gigabit Ethernet.

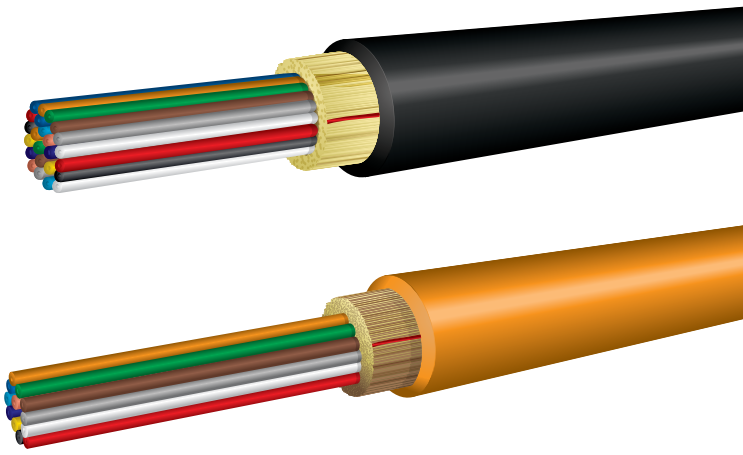
Today, OCC continues to provide leadership within the Telecommunications Industry Association's standards development committees and works to drive emerging technologies and standards such as Category 8 to support 40Gbps Ethernet over copper infrastructure. Through our participation in standards development, we continue to be the sole provider of test fixtures required for laboratory and field testing of category level connectivity to the entire industry. OCC is highly regarded in the industry as a reliable source for high performance, test-grade components. Our dedication to designing superior structured cabling components keeps the company at the forefront of the telecommunications industry.

OCC's foundation is built on manufacturing data communication components that deliver exceptional performance and provide a reliable end-to-end cabling infrastructure solution. OCC's products and services ensure your data infrastructure performs flawlessly, whether the enterprise consists of one building, a campus, or multiple locations. With flexible solutions for virtually any industry, our products are providing crucial data lifelines for customers around the globe.

D-Series Distribution Cables

OCC's D-Series Distribution Cables feature high performance components and construction. Their 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. Their helically stranded core allows for greater flexibility and mechanical protection of the optical fibers and is ideal for installation in areas with limited space or tight bends.

The 900µm buffer eliminates the need for costly and time consuming installation of fanout kits or pigtail splices because connectors terminate directly to the fiber. Their high crush resistance may eliminate the need for innerduct.



Mechanical and Environmental Performance

	INDOOR/OUTDOOR
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C
Installation Temperature (cable temp.)	-20°C to +60°C
Flame Retardancy	UL Listed Type OFNR (UL 1666), and FT4 (CSA C22.2 No.232)
Impact Resistance	1,500 impacts (EIA/TIA-455-25A)
Crush Resistance	1,800 N/cm (TIA/EIA-455-41A)
Flex Resistance	2,000 cycles (TIA/EIA-455-104A)

Applicable Standards

OCC indoor/outdoor tight-buffered fiber optic cables meet the functional requirements of the following standards:

- ICEA-S-83-596
- ICEA-S-104-696
- GR-409-CORE Issue 2
- TIA-568
- TIA-598
- UL 1651
- UL 1666

Ordering Information

D	X						9				
1	2	3	4	5	6	7	8	9	10	11	12

Digit No 1 – 2 Distribution Series Ultra-Fox = **DX**

3 – 5 Fiber count: Riser = **002-144**; Plenum (K) = **002-072**; Plenum (S) = **002-012**

6 Jacket type: Indoor/Outdoor PVC = **D**
Indoor/Outdoor Fluoropolymer = **K**
Indoor Plenum = **S**

7 – 9 Fiber type: (See Laser Ultra-Fox Fiber Performance Table*)

10 Ultra-Fox fiber with 900µm tight buffer = **9**

11 Standard Jacket Color; Black = **K**
62.5µm multimode (WLS, WLX): Orange = **O**
50µm multimode (ALS, ALX): Orange = **O**
50µm 10 Gigabit multimode (ALT, ALE): Aqua = **Q**
Single-mode: Yellow = **Y**

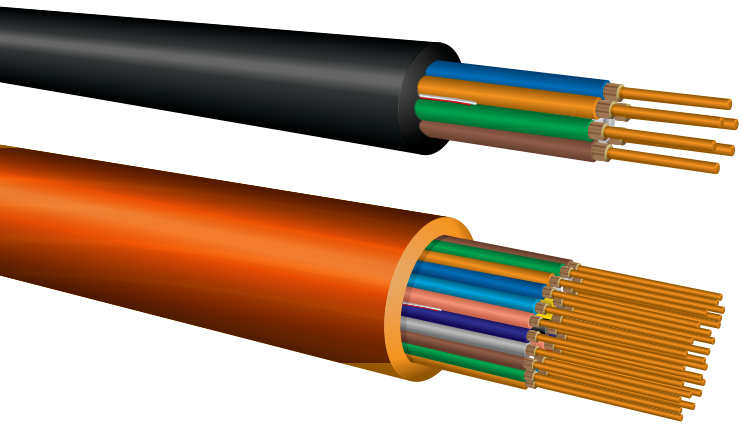
12 Rating: Riser = **R**; Plenum = **P**

Example: 12 fiber indoor/outdoor riser cable using 62.5µm Ultra-Fox fiber, black jacket –

D	X	0	1	2	D	W	L	S	9	K	R

**Note: For OCC cable characteristics and Laser Ultra-Fox fiber type performance, please visit our website at www.occfiber.com.*

B-Series Breakout Cables



OCC's B-Series Breakout Cables are ideal for installations that require an extremely rugged and reliable cable and maximum mechanical and environmental protection. Our most rugged and easy to install cable, the Core-Locked™ outer jacket is ideal for installation survivability, direct pulling with mesh grips and long term, trouble free service.

Ideal for use in long, vertical installations and point-to-point runs in adverse environments, the ability to direct terminate to subcables provides additional strain relief for better connector retention during moves, adds and changes. Direct termination to subcable may eliminate the need for patch panels and patch cords and reduce connector loss.

Mechanical and Environmental Performance

	INDOOR/OUTDOOR
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C
Installation Temperature (cable temp.)	-10°C to +60°C
Flame Retardancy	UL Listed Type OFNR (UL 1666), and FT4 (CSA C22.2 No.232)
Impact Resistance	1,500 impacts (EIA/TIA-455-25A)
Crush Resistance	1,800 N/cm (TIA/EIA-455-41A)
Flex Resistance	2,000 cycles (TIA/EIA-455-104A)

Applicable Standards

OCC indoor/outdoor tight-buffered fiber optic cables meet the functional requirements of the following standards:

- ICEA-S-83-596
- ICEA-S-104-696
- GR-409-CORE Issue 2
- TIA-568
- TIA-598
- UL 1651
- ANSI/NFPA 262

Ordering Information

B					D				9		
1	2	3	4	5	6	7	8	9	10	11	12

Digit No 1 – 2 Breakout Series Ultra-Fox
2.0mm subcables = **BE**
2.5mm subcables = **BX**

3 – 5 Fiber count: Riser = **002-072;** Plenum = **002-048**

6 Jacket type: Indoor/Outdoor PVC = **D**
Indoor/Outdoor Fluoropolymer = **K**

7 – 9 Fiber type: (See Laser Ultra-Fox Fiber Performance Table*)

10 Ultra-Fox fiber with 900µm tight buffer = **9**

11 Standard Jacket Color; Riser Black = **K**
62.5µm multimode (WLS, WLX): Orange = **O**
50µm multimode (ALS, ALX): Orange = **O**
50µm 10 Gigabit multimode (ALT, ALE): Aqua = **Q**
Single-mode: Yellow = **Y**

12 Rating: Riser = **R;** Plenum = **P**

Example: 12 fiber indoor/outdoor riser cable using 62.5µm Ultra-Fox fiber, black jacket –

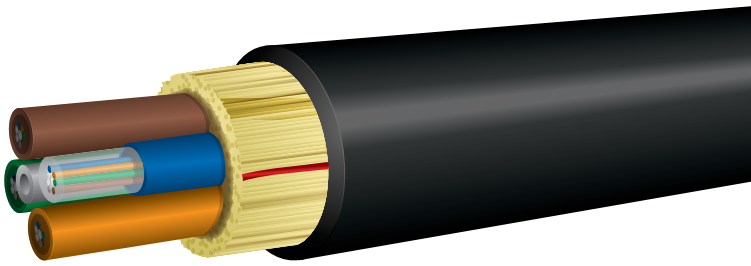
B	X	0	1	2	D	W	L	S	9	K	R

**Note: For OCC cable characteristics and Laser Ultra-Fox fiber type performance, please visit our website at www.occfiber.com.*

HC-Series Cables

OCC's HC-Series Cables are ideal for installations in an underground duct for data transmission between nodes or hubs. In addition, HC cables can be routed vertically inside buildings and are optimal in campus ring applications.

The rugged tight-buffer fiber unit construction offer >20% reduction in diameter and a >20% reduction in weight relative to conventional loose-tube cables, allowing for greater fiber density and cable packing within a duct. The Core-Locked™ outer jacket is ideal for installation survivability and the helically stranded core offers greater flexibility and mechanical protection to ensure long term, trouble free service.



The HC cables can be terminated easily with 900µm fanout kit for discrete connectorization or can be constructed for direct termination of tight-buffered units to MPO/MTP style connectors.

Mechanical and Environmental Performance

	INDOOR/OUTDOOR
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C
Installation Temperature (cable temp.)	-10°C to +60°C
Flame Retardancy	UL Listed Type OFNR (UL 1666)
Crush Resistance	1,800 N/cm (TIA/EIA-455-41A)
Flex Resistance	2,000 cycles (TIA/EIA-455-104A)

Applicable Standards

OCC indoor/outdoor tight-buffered fiber optic cables meet the functional requirements of the following standards:

- ICEA-S-83-596
- ICEA-S-104-696
- TIA-568
- TIA-598
- UL 1666

Ordering Information

H	C				J				C		R
1	2	3	4	5	6	7	8	9	10	11	12

Digit No

1 – 2	High Count Series with 12-fiber bundled fiber units 2.0mm dia.
3 – 5	Fiber count: Riser = **024-288**
6	Jacket type: Low temperature, oil-resistant indoor/outdoor PVC = **J**
7 – 9	Fiber type: (See Laser Ultra-Fox Fiber Performance Table*)
10	Jacketed fiber unit = **C**
11	Standard Jacket Color; Riser Black = **K**
12	Rating: Riser = **R**

Example: 24-fiber cable with 12-fiber units, 2.0mm in diameter using 50 µm Bend-tolerant multimode fiber, low temperature, oil-resistant, indoor/outdoor PVC, black jacket, riser rated -

H	C	0	2	4	J	A	B	T	C	K	R

**Note: For OCC cable characteristics and Laser Ultra-Fox fiber type performance, please visit our website at www.occfiber.com.*

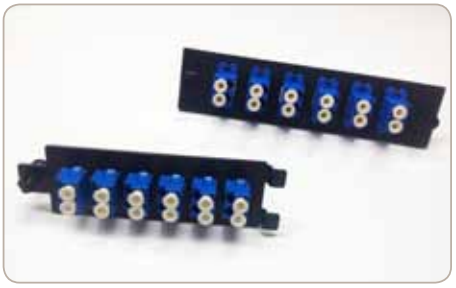
Rack Mount Enclosures

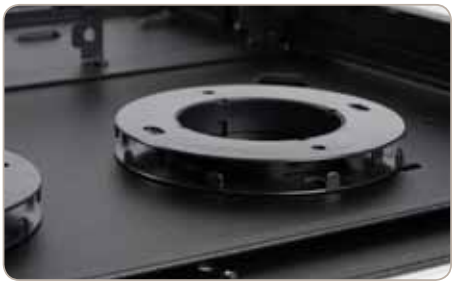
OCC is committed to providing the best fiber cabling system in the industry. Our newly redesigned fiber termination enclosures introduce new features to a well-established product line, making them easier to work with and more aesthetically pleasing while maintaining the ruggedness expected from Optical Cable Corporation. These new 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 new RTC and RTS enclosures incorporate features designed to reduce installation time and cost.

Features & Benefits:

Designed with features that benefit both the end user and the installer, OCC's new enclosures offer the following:

- Available in both fixed (RTC) and sliding (RTS) versions
- 1RU, 2RU, and 4RU configurations available to accommodate project size
- Sliding (RTS) version incorporates a unique shelf allowing easy access from the front or back of the enclosure
- The RTS shelf can be removed entirely from the enclosure for use as a convenient work surface
- RTC and RTS enclosures are built on the same chassis for rack uniformity
- RTC and RTS enclosures accept OCC standard 600 series adapter plates
- RTC-HD and RTS-HD enclosures accept new HD adapter plates for high density applications
- External cable management is enhanced with new modular strain relief brackets that reduces fiber stress and provides support for proper cable bends and efficient cable management
- Fiber hoops in the rear of the cabinet are stackable and allow for greater segregation of incoming fiber cables
- Fiber retention teeth on the cable hoops retain the fiber within the hoop simplifying cable management during installation
- New slam latches on the front and rear of the enclosures make access easier
- Both the RTC and RTS series enclosures provide a transparent cover for visual inspection of ports and a defined labeling field for TIA 606A compliance
- Hardware for 19" or 23" rack mounting
- Numerous internal locations to secure slack cable





Rack Mount Enclosures

The complete fiber optic infrastructure transport system from OCC includes cable, connectors, adapters, enclosures, splice tray kits, and outside plant closures. These components are designed to work seamlessly to maximize the installer experience and optimize system performance. Count on OCC to supply strong, durable, high-density patch and splice solutions for fiber optic networking. With a sleek new look and features designed to streamline cable management and ease of termination, OCC's versatile and flexible fiber optic enclosures are ideal for communication networks.

OCC's fiber optic infrastructure components can be found in the harshest industrial and military environments. Whether it's broadcast video or high speed Ethernet, our fiber optic infrastructure system is the ideal choice for signal transmission. Coupled with our copper infrastructure solution, OCC supplies one of the most complete communications infrastructure systems in the industry.

Ordering Information - Fiber Enclosures

PART NUMBER	DESCRIPTION
RTS1U-3APB	Fiber Enclosure, rack mount, 1 rack unit, sliding, 3 adapter plates, black
RTS1U-HD4APB	Fiber Enclosure, rack mount, 1 rack unit, sliding, 4 adapter plates, black
RTS2U-6APB	Fiber Enclosure, rack mount, 2 rack unit, sliding, 6 adapter plates, black
RTS2U-HD8APB	Fiber Enclosure, rack mount, 2 rack unit, sliding, 8 adapter plates, black
RTS4U-12APB	Fiber Enclosure, rack mount, 4 rack unit, sliding, 12 adapter plates, black
RTS4U-HD16APB	Fiber Enclosure, rack mount, 4 rack unit, sliding, 16 adapter plates, black
RTC1U-3APB	Fiber Enclosure, rack mount, 1 rack unit, 3 adapter plates, black
RTC1U-HD4APB	Fiber Enclosure, rack mount, 1 rack unit, 4 adapter plates, black
RTC2U-6APB	Fiber Enclosure, rack mount, 2 rack unit, 6 adapter plates, black
RTC2U-HD8APB	Fiber Enclosure, rack mount, 2 rack unit, 8 adapter plates, black
RTC4U-12APB	Fiber Enclosure, rack mount, 4 rack unit, 12 adapter plates, black
RTC4U-HD16APB	Fiber Enclosure, rack mount, 4 rack unit, 16 adapter plates, black
RTS2U-6APBL	Fiber Enclosure, rack mount, 2 rack unit, sliding, 6 adapter plates, black, locking
RTS2U-HD8APBL	Fiber Enclosure, rack mount, 2 rack unit, sliding, 8 adapter plates, black, locking
RTC2U-6APBL	Fiber Enclosure, rack mount, 2 rack unit, 6 adapter plates, black, locking
RTC2U-HD8APBL	Fiber Enclosure, rack mount, 2 rack unit, 8 adapter plates, black, locking

Wall Mount Cabinets

Optical Cable Corporation's Wall-Mount Cabinets (WTC) provide a solid foundation for any fiber optic application with features like integrated fiber management and easy cable distribution. Each cabinet may be ordered empty or loaded to meet exact specifications. Every WTC cabinet easily accommodates all cross-connect functions including splicing, termination and inter-connects for outside plant backbone and building cables. The WTC series cabinets are scalable, modular and constructed for durability, and with OCC's variety of adapter plates, cassette modules and splicing features, the application options are endless.

Features & Benefits:

- Constructed of 16-gauge steel with durable powder-coat finish
- Accommodates OCC 600 series snap-in adapter plates and cassette modules
- Removable hinged door provides easy front access and lockable hasp
- Two-tier fiber storage hoops designed to maintain orderly fiber management
- Top and bottom accesses have cable tie-downs/ strain-relief and full grommets
- Lockable inner door is removable and can be used as a work surface by inserting the tabs into slots provided at the bottom frame of the cabinet
- Port identification sheets are included
- All WTC Series enclosures meet NEMA 12 rated requirements
- Mounting hardware included
- Available in Almond or Black

Ordering Information - Wall-Mount Cabinets (Empty)

PART NUMBER	PORT CAPACITY*	ADAPTER PLATES	SPLICE CAPACITY	SPLICE TRAYS-KITS	BOX DIMENSIONS
ZDMB6B (for zone distribution applications)	6	1	-	-	7 x 6 x 1.92
WMC12A (available in Almond only)	12	2	-	-	11 x 7 x 3
WTC12/24x (2 blank plates inc. for 12-port applications)	24	4	24	-	13 x 12 x 3.5
WTC48x	48	8	48	W48S	15 x 5 x 17 x 5.5
WTC72x	72	12	72	W72S	17 x 12 x 11
WTC144x	144	24	144	W144S	23 x 17 x 11

* Port capacity assumes standard 600 series 6-port adapter plate utilization. Higher port counts can be obtained utilizing OCC 600 series 8-, 12-, and 24-port adapter plates

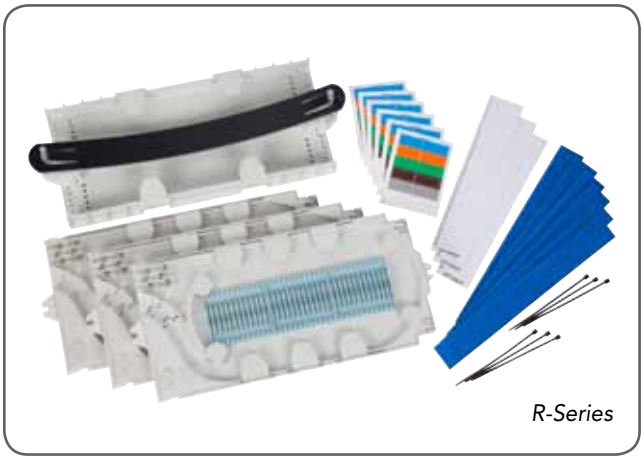
"x" denotes cabinet color; replace with **A** = Almond, **B** = Black

Splice Kits

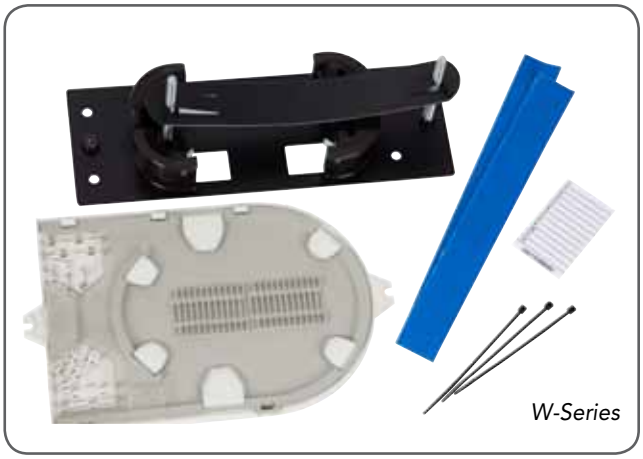
Optical Cable Corporation offers user friendly splice kits for all applications. All OCC splice kits are injection-molded and have hinged, clear plastic covers for fiber visibility and maximum protection. Tabs along the tray's side allow for easy fiber routing. OCC splice kits are available for low to high fiber counts depending on the appropriate fiber enclosure.

Features & Benefits:

- All splice tray kits work seamlessly to provide cable management and radius control within all fiber enclosures
- Accessories included for adapting the trays into the cabinets
- Felt strips and cable ties included for securing and strain relieving buffered fibers



R-Series



W-Series

Ordering Information: R-Series

PART NUMBER	DESCRIPTION
RS1U1T	Splice tray kit for RTC1U/RTS1U, 1 tray
RS1U1TR	Splice tray kit for RTC1U/RTS1U, 1 ribbon tray
RS2U1T	Splice tray kit for RTC2U/RTS2U, 1 tray
RS2U1TR	Splice tray kit for RTC2U/RTS2U, 1 ribbon tray
RS2U2T	Splice tray kit for RTC2U/RTS2U, 2 trays
RS2U2TR	Splice tray kit for RTC2U/RTS2U, 2 ribbon trays
RS4U2T	Splice tray kit for RTC4U/RTS4U, 2 trays
RS4U2TR	Splice tray kit for RTC4U/RTS4U, 2 ribbon trays
RS4U4T	Splice tray kit for RTC4U/RTS4U, 4 trays
RS4U4TR	Splice tray kit for RTC4U/RTS4U, 4 ribbon trays

Ordering Information: W-Series

PART NUMBER	DESCRIPTION
W12RT	Wall-mount splice kit for WTC12/24x cabinet, 12-fiber splice-tray
W24PT	Wall-mount splice kit for WTC12/24x cabinet, 24-fiber splice-tray
W48S	Wall-mount splice kit for 48-fiber splices
W72S	Wall-mount splice kit for 72-fiber splices
W144S	Wall-mount splice kit for 144-fiber splices

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 Optical Cable Corporation fiber adapter plates guarantee performance parameters for the application specified and can be preloaded into OCC fiber cabinets for easy plug-and-play operability.

Features & Benefits:

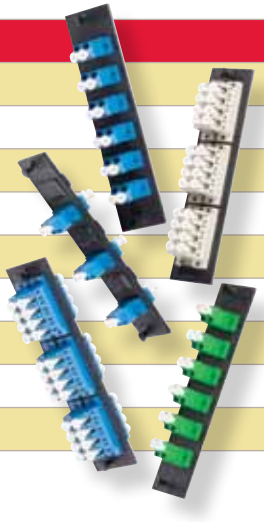
- Available in 6-, 8-, 12- and 24-port fiber configurations
- Panel options available include LC, SC, ST, MTP, FC, and others
- High-density applications can be supported with new HD adapter plates
- Composite, metal, or ceramic sleeve options
- Blank panels are available for use as dust covers
- Plates are available for mounting bezel style jacks, creating a mixed-media environments

Ordering Information - SC Adapters

PART NUMBER	DESCRIPTION
616MMSC	Fiber adapter plate, 6-port, SC, multimode, composite sleeve
616SC	Fiber adapter plate, 6-port, SC, multimode/single-mode, metal sleeve
616SMSC	Fiber adapter plate, 6-port, SC, single-mode, ceramic sleeve
616MMDSC	Fiber adapter plate, 6-port, dual SC, multimode, composite sleeve
616DSC	Fiber adapter plate, 6-port, dual SC, multimode/single-mode, metal sleeve
616SMDSC	Fiber adapter plate, 6-port, dual SC, single-mode, ceramic sleeve
818SC	Fiber adapter plate, 8-port, SC, multimode/single-mode, metal sleeve
6112MMDSC	Fiber adapter plate, 12-port, dual SC, multimode, composite sleeve
6112DSC	Fiber adapter plate, 12-port, dual SC, multimode/single-mode, metal sleeve
6112SMDSC	Fiber adapter plate, 12-port, dual SC, single-mode, ceramic sleeve

Ordering Information - LC Adapters

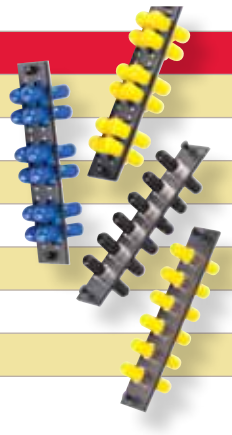
PART NUMBER	DESCRIPTION
616MMDLC	Fiber adapter plate, 6-port, dual LC, multimode, composite sleeve
616DLC	Fiber adapter plate, 6-port, dual LC, multimode/single-mode, metal sleeve
616SMDLC	Fiber adapter plate, 6-port, dual LC, single-mode, ceramic sleeve
818DLC	Fiber adapter plate, 8-port, dual LC, multimode/single-mode, composite sleeve
6112MMDLC	Fiber adapter plate, 12-port, dual LC, multimode, ceramic sleeve
6112DLC	Fiber adapter plate, 12-port, dual LC, multimode/single-mode, metal sleeve
6112SMDLC	Fiber adapter plate, 12-port, dual LC, single-mode, ceramic sleeve
6124MMQLC	Fiber adapter plate, 24-port, quad LC, multimode, metal sleeve
6124SMQLC	Fiber adapter plate, 24-port, quad LC, single-mode, ceramic sleeve



Fiber Optic Adapter Plates

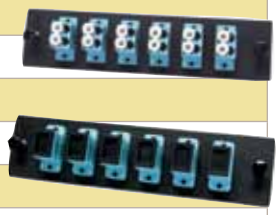
Ordering Information - ST Adapters

PART NUMBER	DESCRIPTION
616MMST	Fiber adapter plate, 6-port, ST, multimode, composite sleeve
616ST	Fiber adapter plate, 6-port, ST, multimode/single-mode, metal sleeve
616SMST	Fiber adapter plate, 6-port, ST, single-mode, ceramic sleeve
818ST	Fiber adapter plate, 8-port, ST, multimode/single-mode, metal sleeve
6112MMDST	Fiber adapter plate, 12-port, dual ST, multimode, composite sleeve
6112DST	Fiber adapter plate, 12-port, dual ST, multimode/single-mode, metal sleeve
6112SMDST	Fiber adapter plate, 12-port, dual ST, single-mode, ceramic sleeve



Ordering Information - 50µm 10 Gig Adapters

PART NUMBER	DESCRIPTION
616SC50G	Fiber adapter plate, 6-port, SC, multimode, 50µm, composite sleeve
616DSC50G	Fiber adapter plate, 6-port, dual SC, multimode, 50µm, composite sleeve
6112DSC50G	Fiber adapter plate, 12-port, dual SC, multimode, 50µm, composite sleeve
616DLC50G	Fiber adapter plate, 6-port, dual LC, multimode, 50µm, composite sleeve
6112DLC50G	Fiber adapter plate, 12-port, dual LC, multimode, 50µm, composite sleeve
6124QLC50G	Fiber adapter plate, 24-port, quad LC, multimode, 50µm, composite sleeve



Ordering Information - HD Adapter Plates

PART NUMBER	DESCRIPTION
616SCHD	HD fiber adapter plate, 6-port, SC, multimode/single-mode, metal sleeve
6112DSCHD	HD fiber adapter plate, 12-port, dual SC, multimode/single-mode, metal sleeve
616DLCHD	HD fiber adapter plate, 6-port, dual LC, multimode/single-mode, metal sleeve
6112DLCHD	HD fiber adapter plate, 12-port, dual LC, multimode/single-mode, metal sleeve
6124QLCHD	HD fiber adapter plate, 24-port, quad LC, multimode/single-mode, metal sleeve
614STHD	HD fiber adapter plate, 4-port, ST, multimode/single-mode, metal sleeve
600HD	HD blank adapter plate

Ordering Information - Specialty Adapters

PART NUMBER	DESCRIPTION
600	Blank adapter plate
616BNC	Adapter plate, 6-port, BNC adapters loaded
616F	Adapter plate, 6-port, F-adapters loaded

Fiber Optic Connectors

For those who prefer to assemble connectors at the component level, Optical Cable Corporation offers a complete line of connector kits for field terminations. Each connector kit offers exceptional optical performance in an easy-to-install form factor.

Anaerobic Connectors

- Available in FC, LC, SC, and ST connector styles.
- Single-mode and multimode
- Low insertion loss and back reflection

Ordering Information - Anaerobic

PART NUMBER	DESCRIPTION
FC-ST-SM	ST connector kit, single-mode
FC-ST-MM	ST connector kit, multimode
FC-ST-MM-AQU	ST connector kit, multimode, aqua boot
FC-SC-SM	SC connector kit, single-mode, blue housing
FC-SC-MM	SC connector kit, multimode, beige housing
FC-SC-APC	SC connector kit, single-mode, APC
FC-SC-MM-Q/Q	SC connector kit, multimode, aqua boot
FC-LC-SM	LC connector kit, single-mode, blue housing
FC-LC-MM	LC connector kit, multimode, beige housing
FC-LC-APC	LC connector kit, single-mode, APC
FC-LC-MM-Q/Q	LC connector kit, multimode, aqua boot

Xpress Connectors

These connectors eliminate the need for messy epoxies and expensive tools by offering a pre-polished solution that can be installed in minutes. Xpress Connectors have a pre-stubbed factory-polished ferrule that joins to the fiber using a precise mechanical alignment and a special low-loss index matching gel. Each connector comes with a specially designed clip that holds the clamping devices open for the fiber to be inserted. Once the fiber is inserted, squeeze the clip to release the blades, remove clip and discard.

- Available in SC, ST, and LC connector styles, multimode and single-mode
- Easy to assemble
- No expensive tools or epoxy required
- No polishing required
- Fiber can be reinstalled
- Meets TIA/EIA 568 performance requirements
- Kits include 900µm boot
- 2mm and 3mm boots are available separately in 6-packs

Ordering Information - Xpress

PART NUMBER	DESCRIPTION
FXC-SCx-6	Xpress SC Connector, 6-pack
FXC-SCx-12	Xpress SC Connector, 12-pack
FXC-SCx-102	Xpress SC Connector, 102 contractor pack
FXC-STx-6	Xpress ST Connector, 6-pack
FXC-STx-12	Xpress ST Connector, 12-pack
FXC-STx-102	Xpress ST Connector, 102 contractor pack
FXC-LCx-6	Xpress LC Connector, 6-pack
FXC-LCx-12	Xpress LC Connector, 12-pack
FXC-LCx-102	Xpress LC Connector, 102 contractor pack
Replace "x" with **5** = 50µm, **5G** =50µm 10 Gig, **6** = 62.5µm, or **8** = single-mode	

Fiber Optic Installation Tools

Fiber Optic Cleaners

To complement our connectors, OCC offers dry-cloth cleaners specifically designed to clean single-fiber connectors. Each cleaner is easy to use and very effective at eliminating contaminants that can deter optical performance.

- Cleaning system rotates 180° for a complete sweep
- Easy pushing motion employs connector and commences cleaner
- Disposable with 525+ cleanings per unit

Ordering Information

PART NUMBER	DESCRIPTION
FC-SCK-LC-125	Fiber Optic Cleaner, LC-MU
FC-SCK-SC-250	Fiber Optic Cleaner, SC-FC-ST

Anaerobic Field Termination Kit

These small, lightweight kits offered by OCC are ideal for field terminations. These kits include interchangeable single-mode and multimode light sources, termination tools, and portable fiber meters.

Ordering Information

PART NUMBER	DESCRIPTION
FC-AFT	Fiber Optic Anaerobic Field Termination Kit, includes SM fiber meter, MM fiber meter, light source mainframe, SM light source module, MM light source module, 2.5mm to 1.25mm adapter, LC-ST test lead, LC-SC test lead, ST-FC adapter, SC-SC adapter

Fiber Strippers and Cleavers

To create a full solution, OCC offers fiber strippers and cleavers to assist in field fiber polishes and terminations. These tools, necessary for any fiber optic project installation, are backed by OCC's 15-year product warranty and are a value-added component to the OCC fiber product line.

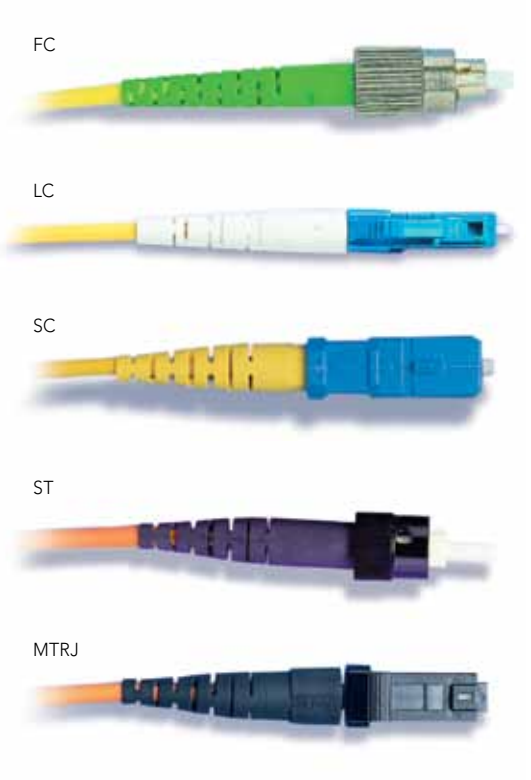
Ordering Information

PART NUMBER	DESCRIPTION
FOCT	Precision fiber cleaver
FOCT2	Economy fiber cleaver (aka beaver)
FOST	Fiber stripper

Fiber Optic Jumpers and Pigtails

Get exactly the jumper you need to make the transition from cross-connect point to the electronics. With unmatched insertion loss and exceptional return loss performance, OCC's comprehensive line of fiber jumpers ensures the right connection every time. Each polish is 100% tested, including interferometer inspection of end-face geometry, and every assembly is provided with corresponding test data. Available in simplex or duplex, multimode (50/125 or 62.5/125) or single-mode and a variety of connector types and lengths, OCC's jumpers can be ordered to customize any fiber optic protocol.

- Automated polishing equipment
- Interferometer testing for end-face geometry
- 100% testing on multimode for insertion loss
- 100% testing on single-mode for insertion and return loss
- Multi-fiber distribution cables, single or dual ended terminations
- Discrete connectors utilize ceramic ferrules
- Custom jacket colors for security applications
- Any specified length available
- PC polish is standard



Ordering Guide - Multimode Jumpers

			–		–		
FIBER COUNT	**FIBER TYPE**	**CONNECTOR TYPE**		**CONNECTOR TYPE**		**LENGTH IN METERS**	**GIGABIT**
D = Duplex	**5** = 50µm ALS*	**ST**		**ST**		**1M**	**G▲**
S = Simplex	**6** = 62.5µm WLS*	**SC**		**SC**		**2M**	▲50µm OM3 ABT* only
		LC		**LC**		**3M**	
		RJ = MT-RJ		**RJ** = MT-RJ		**5M**	
		FC		**FC**		**10M**	
						Any custom length available	

Example: D6RJ-SC-1M = Duplex 62.5µm, MT-RJ to SC, 1 meter in length

Ordering Guide - Single-Mode Jumpers

	8		Optional			
FIBER COUNT	**FIBER TYPE**	**CONNECTOR TYPE**	**POLISH TYPE**	**CONNECTOR TYPE**	**POLISH TYPE**	**LENGTH IN METERS**
D = Duplex	**8** = SLA*	**ST**	**UPC** = Ultra	**ST**	**UPC** = Ultra	**1M**
S = Simplex		**SC**	**XUPC** = Extreme	**SC**	**XUPC** = Extreme	**2M**
		LC	**APC** = Angled	**LC**	**APC** = Angled	**3M**
		FC		**FC**		**5M**
		RJ = MT-RJ		**RJ** = MT-RJ		**10M**
						Any custom length available

Example: S8FCXUPC-SC-3M = Simplex Extreme Polish, FC to SC, 3 meters in length

Note: *See Ultra-Fox fiber performance chart available online at occfiber.com

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. The MT solution ensures guaranteed performance through 100% testing to ISO procedures and provides a low-profile cross-connect solution designed for reliability.

- Available in 50/125µm or 62.5/125µm multimode and single-mode
- Pulling eye available for streamlining connectors for snag-less installations
- Riser and plenum rated cable can be ordered in any length

Ordering Information - MT to MT Cable Assemblies

MT							-	
FIBER COUNT	FIBER MATERIAL	FIBER STYLE	CONNECTOR ENDS	FIBER TYPE	FIBER CAPACITY	LENGTH IN FEET	PULLING EYE KIT
06	**P** = Plenum	**B** = Ribbon	**F** = Female	**5** = 50µm ALS	**TK** = Standard		**PK** = 1 end
12		**R** = Round	**M** = Male	**6** =62.5µm WLS	**TG** = 50µm OM3 ABT		**PK2** = 2 ends
				8 = SM SLA			

Example: MT12RBM5TK-03PK = MT riser cable assembly,
12-fiber, ribbon, male connectors, multimode 50µm, 3 feet in length with one end pulling kit

MT Plug-and-Play Cassette Modules

Designed for speed and effortless installation, OCC's fiber optic cassette modules are available with many adapter choices and offer customers a dependable, performance-driven solution. The cassettes simply snap in to any OCC fiber optic rack-mount or wall-mount cabinet with 600 series adapter plate slots and can be configured to meet any fiber optic protocol. These cassettes provide significant installation savings with no field terminations required. Simply plug-and-play!

- Available in 6-, 12-, and even 24-port adapters
- Easily field installable with snap-in pushpin design
- Fits into any OCC rack or wall-mount cabinet with 600 series adapter plate slots
- Available in 50, 62.5 or 8.3µm for either multimode or single-mode applications
- Both 6- and 12-port modules are available with Duplex ST, SC, MT-RJ, and LC adapters
- 24-port modules are available with new Quad LC adapters and route to (2) 12-fiber MT connectors
- Cassette modules are factory terminated and 100% tested for guaranteed performance
- Standard configuration has male MT (with pins) installed

Ordering Information - MT Cassette Modules

MTCM			
FIBER COUNT	CONNECTOR	FIBER TYPE
6	**ST**	**5** = 50µm ALS
12	**SC**	**5G** = 50µm OM3 ABT
24*	**LC**	**6** = 62.5µm WLS
		8 = SM SLA

*24-Port cassette in LC only
Note: See Ultra-Fox fiber performance chart available online at occfiber.com.

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