

INDUSTRIAL SOLUTIONS QUICK REFERENCE PRODUCT GUIDE

- » FIBER OPTIC CABLE & ASSEMBLIES
- » HARSH ENVIRONMENT SOLUTIONS
- » COPPER CONNECTIVITY & ASSEMBLIES
- » CABINETS & ENCLOSURES
- » WORKSTATION TOOLS

OCC Representative: _____

Phone Number: _____

Email: _____

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER
ASSEMBLIES

FIBER ENCLOSURES
& KITS

TOOLS

COPPER CABLE
& CONNECTIVITY

HARSH ENVIRONMENT
ASSEMBLIES

★
USA
OPERATIONS

PROUDLY HEADQUARTERED IN THE USA:
OCC employs over 300 talented people across 3 strategically located US manufacturing facilities. OCC is a certified small business by the U.S. Small Business Association (SBA). We serve as leaders in technical and customer support. Our customers rely on us to provide quick lead times, fast shipping, and design-build expertise. Learn more at occfiber.com/about-occ

RELIABLE CABLE & CONNECTIVITY SOLUTIONS PROVIDER:

Our innovation and expertise has expanded beyond cable to include end-to-end fiber optic and copper cabling and connectivity solutions used everywhere from buildings, campuses and data centers, to sporting venues, industrial facilities and harsh environments. You can rely on OCC's strategic product portfolio for all your connectivity needs.

GET TO KNOW
OCC

99+

STRATEGIC GLOBAL PARTNERSHIPS:
Each year, OCC products are used in countries all over the world. We offer some of the most rugged, reliable, and innovative cable and connectivity products and solutions.

INNOVATIVE & RESPONSIVE EXPERTS
Since 1983, OCC's innovative cable and connectivity designs have revolutionized the communications industry. Our history and growth have helped us attract and retain experts in manufacturing, engineering, and design-build applications. We partner with our customers to achieve the right solution. The entire process is simple, fast, and reliable.

FOUNDED
& INNOVATING SINCE

1983

FIBER OPTIC DISTANCE LIMITATION STANDARDS



FIBER CODE	CORE/CLADDING DIAMETER	WAVELENGTH	INDUSTRY STANDARD	1 GIGABIT ETHERNET DISTANCE	10 GIGABIT ETHERNET DISTANCE	MAXIMUM CABLE ATTENUATION	MAXIMUM LASER EMB BANDWIDTH (MHZ-KM)	MAXIMUM OFL LED BANDWIDTH (MHZ-KM)
WLS	62.5/125	850/1300	OM1	300/600	33/300	3.5/1.5	220/500	200/500
ALS	50/125	850/1300	OM2	600/600	82/300	3.5/1.5	510/500	500/500
ALT	50/125(300 METER 10-GBE)	850/1300	OM3	1000/600	300/300	3.0/1.0	2000/500	1500/500
ALE	50/125 (500 METER 10-GBE)	850/1300	OM4	1040/600	550/300	3.0/1.0	4700/500	3500/500
SLA	9/125	1310/1550	BEND INSENSITIVE SINGLE-MODE ITU-T G.657.A1 & ITU-T G.652.D	5 KM	10 KM	0.5/0.5	N/A	N/A

OCC FIBER OPTIC CABLE CONSTRUCTION

We understand that every application has different demands. That's why we've created tiered solutions for our cables and products.

CABLE SERIES	APPLICATIONS									FIBER TYPE	PROTECTION PACKAGES
	INDOOR	OUTDOOR	INDOOR / OUTDOOR	DEPLOYABLE	LIGHT INDUSTRIAL	CABLE TRAY	HEAVY INDUSTRIAL	AERIAL LASHING	DIRECT BURIED		
DZ-SERIES	X		X							ALL	ILA
DX-SERIES	X	X	X	X	X			X	X	ALL	ILA, CST, FRP Braided
A-SERIES	X									ALL	
HD-SERIES	X									SM, OM3, OM4	
HC-SERIES	X	X	X	X	X	X	X	X	X	SM, OM1, OM3	ILA, CST, FRP
B-SERIES	X	X	X	X	X	X	X			ALL	ILA, CST, FRP Braided
G-SERIES	X		X			X				ALL	ILA
CX-SERIES	X		X		X					ALL	ILA

Available fiber counts vary by application. Contact OCC Sales for more information.



SINGLE-MODE

FIBER OPTIC CABLES & ASSEMBLIES



LIGHT INDUSTRIAL INDOOR/OUTDOOR CABLE, 900µm BUFFERED FIBER

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX Series Indoor/Outdoor, PVC Riser Rated	DX006DSL9KR	DX012DSL9KR	DX024DSL9KR	DX048DSL9KR
DX Series Indoor/Outdoor, PVC, Plenum Rated	DX006TSL9YP	DX012TSL9YP	DX024TSL9YP	N/A
DX Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance	DX006KSL9YP	DX012KSL9YP	DX024KSL9YP	DX048KSL9YP
DX Series I/O with Aluminum Interlocking Armor (ILA), Riser Rated	DX006DSL9YRI2	DX012DSL9YRI2	DX024DSL9YRI2	DX048DSL9YRI2
DX Series I/O with Aluminum Interlocking Armor (ILA), PVC, Plenum Rated	DX006TSL9YPI8	DX012TSL9YPI8	DX024TSL9YPI8	N/A

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

HEAVY INDUSTRIAL/FIBER OPTIC TRAY CABLE (FOTC) & PLENUM RATED

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
BX Series Indoor/Outdoor PVC Riser, FOTC, 2.5mm Subunits	BX006DSL9KR	BX012DSL9KR	BX024DSL9KR	BX048DSL9KR
BX Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance, 2.0mm Subunits	BX006KSL9YP	BX012KSL9YP	BX024KSL9YP	BX048KSL9YP
BX Series Indoor I/O with Aluminum Interlocking (ILA), PVC Riser, FOTC, 2.5mm Subunits	BX006DSL9KRI2	BX012DSL9KRI2	BX024DSL9KRI2	N/A
BX Series Indoor I/O with Aluminum Interlocking (ILA), Plenum Rated 2.0mm Subunits	BX006KSL9YPI6	BX012KSL9YPI6	BX024KSL9YPI6	N/A

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

HIGH FIBER COUNT/FIBER OPTIC CABLE TRAY CABLE (FOTC)

DESCRIPTION	24-FIBER	48-FIBER	96-FIBER	144-FIBER
HC-Series Indoor/Outdoor Cable, 250µm Buffered Fiber, PVC Riser Rated	HC024DSLACKR	HC048DSLACKR	HC096DSLACKR	HC144DSLACKR
GX-Series Indoor/Outdoor Cable, 900µm Buffered Fiber, 12 Fiber Sub cables, PVC Riser Rated	GX024DSL9KR	GX048DSL9KR	GX096DSL9KR	GX144DSL9KR

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

A FIBER CABLE USED IN A TRAY (FOTC) MUST HAVE THESE MECHANICAL CAPABILITIES:



Absorbs **IMPACT** from falling debris



CRUSH resistant against other cables in the metal rungs of the tray



Able to handle extreme **TEMPERATURES** (hot/cold)



Able to withstand exposure to direct sunlight
UV RESISTANT



FLAME resistance appropriate to the installation environment

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

TOOLS

COPPER CABLE & CONNECTIVITY

HARSH ENVIRONMENT ASSEMBLIES

SINGLE-MODE

FIBER OPTIC CABLES & ASSEMBLIES



OUTDOOR CAMPUS CABLES 900µm BUFFERED FIBER

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX Series Corrugated Steel Tape Armored (CST), PVC Riser Inner Cable, Direct Burial	DX006DSLA9KAA2	DX012DSLA9KAA2	DX024DSLA9KAA2	DX048DSLA9KAA2
DX Series Rodent Deterrent (FRP) Riser Rated Cables	DX006DSLA9KRF1	DX012DSLA9KAF1	DX024DSLA9KAF1	DX048DSLA9KAF1
DX Series Fiber in Conduit (FIC), 1 1/4" Orange Innderduct with DX Series PVC Riser Inner Cable, Direct Burial	DX006DSLA9OAX2	DX012DSLA9OAX2	DX024DSLA9OAX2	DX048DSLA9OAX2



CORRUGATED STEEL TAPE

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

OUTDOOR AERIAL CABLES

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
MX Series-Figure 8 Messenger, 900µm Buffered Fiber	MX006ASLA9KAG3	MX012ASLA9KAG3	MX024ASLA9KAG3	MX048ASLA9KAG3
RM-Series-Round Messenger (ADSS), 900µm Buffered Fiber	RM006XSL55K	RM012XSL55K	RM024XSL55K	RM048XSL55K
DX Series Fiber Outdoor, Polyethylene Jacket, Duct or Aerial Lashing	DX006ASLA9KA	DX012ASLA9KA	DX024ASLA9KA	DX048ASLA9KA



MX-SERIES MESSENGER CABLE

*Hybrid versions available with Single and Multi-Mode Fibers in one jacket.

PRE-TERMINATED CABLE ASSEMBLIES WITH PULLING EYE

DESCRIPTION	LC-TO-LC	SC-TO-SC	ST-TO-ST
DX Series Indoor/Outdoor, 12 Strand, Single-Mode Fiber, PVC Riser Rated Assembly 10 Meters	OCA214601LCLC0010M	OCA208710SCSC0010M	OCA214614STST0010M
DX Series I/O with (ILA), 12 Strand Single-Mode PVC Riser Rated Assembly 10 Meters	OCA214603LCLC0010M	OCA214604SCSC0010M	OCA214615STST0010M
BX Series Indoor/Outdoor, 12 Strand Single-Mode Fiber, PVC Riser Rated Assembly 10 Meters	OCA214606LCLC0010M	OCA214607SCSC0010M	OCA214616STST0010M



PRE-TERMINATED DX-SERIES ASSEMBLY

Last two digits of part number indicate length. Other lengths available.

Factory Terminated & Tested:

Save time and money by using OCC pre-terminated assemblies for easy and quick installation. Contact OCC Sales for more information: occfiber.com/contact



SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

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COPPER CABLE & CONNECTIVITY

HARSH ENVIRONMENT ASSEMBLIES

SINGLE-MODE

CONNECTORS, ADAPTER PLATES, FIBER SPLICE CASSETTES, & JUMPERS



FIBER OPTIC CONNECTORS, MECHANICAL SPLICE

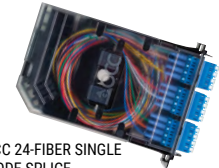
DESCRIPTION	LC	SC	ST
Xpress Ultra™ Fiber Connector, Pre-Polished, Single-Mode, 250/900	RFC-LC8	RFC-SC8	FXC-ST8-6 (6-PACK)
Xpress Ultra™ Fiber Connector, Pre-Polished, Single-Mode, APC, 250/900	RFC-LCAPC	RFC-SCAPC	N/A
Xpress Ultra™ Fiber Connector, Pre-Polished, Single-Mode, 2/3mm	RFC-LC8-2/3MM	RFC-SC8-2/3MM	N/A
Xpress Ultra™ Fiber Connector, Pre-Polished, Single-Mode, APC, 2/3mm	RFC-LCAPC-2/3MM	RFC-SCAPC-2/3MM	N/A
2.0mm Boot for FXC Connectors (6-pack)	N/A	N/A	FXC-BOOT-2MM
3.0mm Boot for FXC Connectors (6-pack)	N/A	N/A	FXC-BOOT-3MM



OCC RFC-SCAPC
XPRESS ULTRA CONNECTOR

FIBER SPLICE CASSETTES

DESCRIPTION	LC	SC	ST
12 Fiber, Single-Mode Connectors with Fiber Pigtailed	FSCS812DLCP	FSCS812DSCP	N/A
24 Fiber, Single-Mode Connectors with Fiber Pigtailed	FSCS824QLCP	N/A	N/A
12 Fiber, Single-Mode, APC Connectors with Fiber Pigtailed	FSCSA12DLCP	FSCSA12DSCP	N/A
24 Fiber, Single-Mode, APC Connectors with Fiber Pigtailed	FSCSA24QLCP	N/A	N/A



OCC 24-FIBER SINGLE
MODE SPLICE
CASSETTE

Other options available. Contact OCC Sales for more information.

FIBER OPTIC JUMPERS SM/9/125

DESCRIPTION	LC-TO-LC	SC-TO-SC	ST-TO-ST
Light Industrial F.O. Jumpers, SM, 2 Fiber, 1 Meter Duplex	D8LC-LC-1M	D8SC-SC-1M	D8ST-ST-1M
Heavy Industrial F.O. Jumpers, SM, 2 Fiber, 1 Meter BX Series Round Cable	OCA213134LCCLC0001M	OCA214617SCSC0001M	OCA214618STST0001M

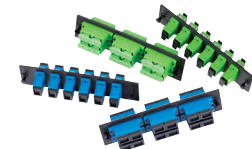


OCC FIBER OPTIC JUMPER

Last two digits of part number indicate length. Other lengths available.

ADAPTER PLATES

DESCRIPTION	LC	SC	ST
Adapter Plate, 6-Port, Single-Mode, Ceramic Sleeve	616SMDLC	616SMDSC	616SMST
Adapter Plate, 12-Port, Single-Mode, Ceramic Sleeve	6112SMDLC	6112SMDSC	6112SMDST
Adapter Plate, 24-Port, Single-Mode, Ceramic Sleeve	6124SMQLC	N/A	N/A



OCC Fiber Adapter Plates

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER
ASSEMBLIES

FIBER ENCLOSURES
& KITS

TOOLS

COPPER CABLE
& CONNECTIVITY

HARSH ENVIRONMENT
ASSEMBLIES

MULTI-MODE 62.5µm OM1 FIBER

FIBER OPTIC CABLES & ASSEMBLIES



LIGHT INDUSTRIAL INDOOR/OUTDOOR CABLE 900µm BUFFERED FIBER

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX Series Indoor/Outdoor, PVC Riser Rated	DX006DWLS9KR	DX012DWLS9KR	DX024DWLS9KR	DX048DWLS9KR
DX Series Indoor/Outdoor, PVC, Plenum Rated	DX006TWLS9OP	DX012TWLS9OP	DX024TWLS9OP	N/A
DX Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance	DX006KWLS9OP	DX012KWLS9OP	DX024KWLS9OP	DX048KWLS9OP
DX Series I/O with Aluminum Interlocking Armour (ILA), Riser Rated	DX006DWLS9OR12	DX012DWLS9OR12	DX024DWLS9OR12	DX048DWLS9OR12
DX Series I/O with Aluminum Interlocking Armor (ILA), PVC, Plenum Rated	DX006TWLS9OP18	DX012TWLS9OP18	DX024TWLS9OP18	N/A

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

HEAVY INDUSTRIAL/FIBER OPTIC TRAY CABLE (FOTC) & PLENUM RATED

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
BX Series Indoor/Outdoor PVC Riser, FOTC, 2.5mm Subunits	BX006DWLS9KR	BX012DWLS9KR	BX024DWLS9KR	BX048DWLS9KR
BX Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance, 2.0mm Subunits	BX006KWLS9OP	BX012KWLS9OP	BX024KWLS9OP	BX048KWLS9OP
BX Series Indoor I/O with Aluminum Interlocking (ILA), PVC Riser, FOTC, 2.5mm Subunits	BX006DWLS9OR12	BX012DWLS9OR12	BX024DWLS9OR12	N/A
BX Series Indoor I/O with Aluminum Interlocking (ILA), Plenum Rated 2.0mm Subunits	BX006KWLS9OP16	BX012KWLS9OP16	BX024KWLS9OP16	N/A

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

HIGH FIBER COUNT/FIBER OPTIC CABLE TRAY CABLE (FOTC)

DESCRIPTION	48-FIBER	72-FIBER	96-FIBER	144-FIBER
HC-Series Indoor/Outdoor Cable, 250µm Buffered Fiber, Riser Rated	HC048DWLSCKR	HC072DWLSCKR	HC096DWLSCKR	HC144DWLSCKR
GX-Series Indoor/Outdoor Cable, 900µm Buffered Fiber, 12 Fiber Subcables, PVC Riser	GX048DWLS9KR	GX072DWLS9KR	GX096DWLS9KR	GX144DWLS9KR

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

OCC Cable 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 1666



SINGLE-MODE

OM1

OM3 & OM4

MT FIBER
ASSEMBLIES

FIBER ENCLOSURES
& KITS

TOOLS

COPPER CABLE
& CONNECTIVITY

HARSH ENVIRONMENT
ASSEMBLIES

MULTI-MODE 62.5µm OM1 FIBER

FIBER OPTIC CABLES & ASSEMBLIES



OUTDOOR CAMPUS CABLES 900µm BUFFERED FIBER

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX Series Corrugated Steel Tape Armored (CST), PVC Riser Inner Cable, Direct Burial	DX006DWLS9KAA2	DX012DWLS9KAA2	DX024DWLS9KAA2	DX048DWLS9KAA2
DX Series Rodent Deterrent (FRP) Riser Rated Cables	DX006DWLS9ORF1	DX012DWLS9ORF1	DX024DWLS9ORF1	DX048DWLS9ORF1
DX Series Fiber in Conduit (FIC), 1 1/4" Orange Inner-duct with DX Series PVC Riser Inner Cable, Direct Burial	DX006DWLS9OAX2	DX012DWLS9OAX2	DX024DWLS9OAX2	DX048DWLS9OAX2



OCC DX-SERIES FRP CABLE

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

OUTDOOR AERIAL CABLES

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
MX Series-Figure 8 Messenger, 900µm Buffered Fiber	MX006AWLS9KAG3	MX012AWLS9KAG3	MX024AWLS9KAG3	MX048AWLS9KAG3
RM-Series-Round Messenger (ADSS), 900µm Buffered Fiber	RM006XWST5K	RM012XWST5K	RM024XWST5K	RM048XWST5K
DX Series Fiber Outdoor, Polyethylene Jacket, Duct or Aerial Lashing	DX006AWLS9KA	DX012AWLS9KA	DX024AWLS9KA	DX048AWLS9KA

*Hybrid versions available with Single and Multi-Mode Fibers in one jacket.

PRE-TERMINATED CABLE ASSEMBLIES WITH PULLING EYE

DESCRIPTION	LC-T0-LC	SC-T0-SC	ST-T0-ST
DX Series Indoor/Outdoor, 12 Strand, Single-Mode Fiber, PVC Riser Rated Assembly 10 Meters	OCA209420LCCL0010M	OCA206307SCSC0010M	OCA214622STST0010M
DX Series I/O with (LA), 12 Strand Single-Mode Riser Rated Assembly 10 Meters	OCA214623LCCL0010M	OCA214624SCSC0010M	OCA205622STST0010M
BX Series Indoor/Outdoor, 12 Strand Single-Mode Fiber, PVC Riser Rated Assembly 10 Meters	OCA204700LCCL0010M	OCA214635SCSC0010M	OCA206062STST0010M

Last two digits of part number indicate length. Other lengths available.

Indoor/Outdoor Plenum Cables with K-Jacket (Fluoropolymer):
Offer resistance to Severe Chemicals, Petrochemicals and are UV Resistant. They offer direct termination with a wide operating temperature of -40° to +85° C

Learn more Online:
<https://hubs.li/Q02BKVv10>



We also offer OM2 connectivity options.
Call OCC Sales at 800-622-7711 for more information.

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

TOOLS

COPPER CABLE & CONNECTIVITY

HARSH ENVIRONMENT ASSEMBLIES

MULTI-MODE 62.5µm OM1 FIBER



CONNECTORS, ADAPTER PLATES, FIBER SPLICE CASSETTES, & PATCH CORDS

FIBER OPTIC CONNECTORS, MECHANICAL SPLICE

DESCRIPTION	LC	SC	ST
Xpress Ultra™ Fiber Connector, Pre-Polished, 62.5, 250/900	RFC-LC6	RFC-SC6	FXC-ST6-6 (6-PACK)
Xpress Ultra™ Fiber Connector, Pre-Polished, 62.5, 2/3mm	RFC-LC6-2/3MM	RFC-SC6-2/3MM	N/A
2.0mm Boot for FXC Connectors (6-pack)	N/A	N/A	FXC-BOOT-2MM
3.0mm Boot for FXC Connectors (6-pack)	N/A	N/A	FXC-BOOT-3MM



OCC Xpress Ultra LC Connector

FIBER SPLICE CASSETTES

DESCRIPTION	LC	SC	ST
6-Fiber Cassette, OM1 Connectors with Pigtailed	FSCS16DLCP	FSCS16SSCP	FSCS16SSTP
12-Fiber Cassette, OM1 Connectors with Pigtailed	FSCS112DLCP	FSCS112DSCP	N/A
24-Fiber Cassette, OM1 Connectors with Pigtailed	FSCS124QLCP	N/A	N/A



OCC Fiber Splice Cassette

Other options available. Contact OCC Sales for more information.

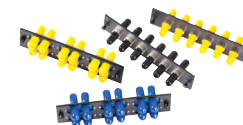
FIBER OPTIC JUMPERS 62.5µm OM1 FIBER

DESCRIPTION	LC-TO-LC	SC-TO-SC	ST-TO-ST
Light Industrial F.O. Jumpers, SM, 2 Fiber, 1 Meter Duplex	D6LC-LC-1M	D6SC-SC-1M	D6ST-ST-1M
Heavy Industrial F.O. Jumpers SM, 2 Fiber, 1 Meter BX Series Round Cable	OCA213134LCLC0001M	OCA214617SCSC0001M	OCA214618STST0001M

Last two digits of part number indicate length. Other lengths available.

ADAPTER PLATES

DESCRIPTION	LC	SC	ST
Adapter Plate, 6-Port, OM1, Ceramic Sleeve	616MMDLC	616MMDSC	616MMST
Adapter Plate, 12-Port, OM1, Ceramic Sleeve	6112MMDLC	6112MMDSC	6112MMDST
Adapter Plate, 24-Port, OM1, Ceramic Sleeve	6124MMQLC	N/A	N/A



OCC Fiber Adapter Plates



We also offer OM2 connectivity options.
Call OCC Sales at 800-622-7711 for more information.

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

TOOLS

COPPER CABLE & CONNECTIVITY

HARSH ENVIRONMENT ASSEMBLIES

MULTI-MODE 50µm OM3 FIBER



FIBER OPTIC CABLES & ASSEMBLIES

LIGHT INDUSTRIAL INDOOR/OUTDOOR CABLE 900µm BUFFERED FIBER

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX Series Indoor/Outdoor, PVC Riser Rated	DX006DALT9QR	DX012DALT9QR	DX024DALT9QR	DX048DALT9QR
DX Series Indoor/Outdoor, PVC, Plenum Rated	DX006TALT9QP	DX012TALT9QP	DX024TALT9QP	N/A
DX Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance	DX006KALT9QP	DX012KALT9QP	DX024KALT9QP	DX048KALT9QP
DX Series I/O with Aluminum Interlocking Armour (ILA), Riser Rated	DX006DALT9QR12	DX012DALT9QR12	DX024DALT9QR12	DX048DALT9QR12
DX Series I/O with Aluminum Interlocking Armor (ILA), PVC, Plenum Rated	DX006TALT9QP18	DX012TALT9QP18	DX024TALT9QP18	N/A

Other cable configurations and fiber counts available, contact OCC Sales for more information.

HEAVY INDUSTRIAL/FIBER OPTIC TRAY CABLE (FOTC) & PLENUM RATED

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
BX Series Indoor/Outdoor PVC Riser, FOTC, 2.5mm Subunits	BX006DALT9QR	BX012DALT9QR	BX024DALT9QR	BX048DALT9QR
BX Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance, 2.0mm Subunits	BX006KALT9QP	BX012KALT9QP	BX024KALT9QP	BX048KALT9QP
BX Series Indoor I/O with Aluminum Interlocking (ILA), PVC Riser, FOTC, 2.5mm Subunits	BX006DALT9QR12	BX012DALT9QR12	BX024DALT9QR12	NA
BX Series Indoor I/O with Aluminum Interlocking (ILA), Plenum Rate, 2.0mm Subunits	BX006KALT9QP16	BX012KALT9QP16	BX024KALT9QP16	NA

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

HIGH FIBER COUNT/FIBER OPTIC CABLE TRAY CABLE (FOTC)

DESCRIPTION	48-FIBER	72-FIBER	96-FIBER	144-FIBER
HC-Series Indoor/Outdoor Cable, 250µm Buffered Fiber, Riser Rated	HC048DALTAKR	HC072DALTCKR	HC096DALTCKR	HC144DALTCKR
GX-Series Indoor/Outdoor Cable, 900µm Buffered Fiber, 12 Fiber Subcables, PVC Riser	GX048DALT9QR	GX072DALT9QR	GX096DALT9QR	GX144DALT9QR

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

OUTDOOR CAMPUS CABLES 900µm BUFFERED FIBER

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX Series Corrugated Steel Tape Armored (CST), PVC Riser Inner Cable, Direct Burial	DX006DALT9KAA2	DX012DALT9KAA2	DX024DALT9RAA2	DX048DALT9KAA2
DX Series Rodent Deterrent (FRP) Riser Rated Cables	DX006DALT9QRF1	DX012DALT9QRF1	DX024DALT9QRF1	DX048DALT9QRF1
DX Series Fiber in Conduit (FIC), 1 1/4" Orange Inner-duct with DX Series PVC Riser Inner Cable, Direct Burial	DX006DALT9OAX2	DX012DALT9OAX2	DX024DALT9OAX2	DX048DALT9OAX2

Other cable configurations and fiber counts available. Contact OCC Sales for more information.



OCC DX-Series Aluminum Interlocking Armored (ILA) Cable

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

TOOLS

COPPER CABLE & CONNECTIVITY

HARSH ENVIRONMENT ASSEMBLIES

MULTI-MODE 50µm OM3 FIBER



PRE-TERMINATED CABLE ASSEMBLIES WITH PULLING EYE

DESCRIPTION	LC-T0-LC	SC-T0-SC	ST-T0-ST
DX Series Indoor/Outdoor, 12 Strand, Single-Mode Fiber, PVC Riser Rated Assembly 10 Meters	OCA206252LCLC0010M	OCA214628SCSC0010M	OCA214629STST0010M
DX Series I/O with (ILA), 12 Strand Single-Mode Riser Rated Assembly 10 Meters	OCA204689LCLC0010M	OCA214630SCSC0010M	OCA214631STST0010M
BX Series Indoor/Outdoor, 12 Strand Single-Mode Fiber, PVC Riser Rated Assembly 10 Meters	OCA214636LCLC0010M	OCA214637SCSC0010M	OCA214638STST0010M

Last two digits of part number indicate length. Other lengths available.

OUTDOOR AERIAL CABLES

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
MX Series-Figure 8 Messenger, 900µm Buffered Fiber	MX006AALT9KAG3	MX012AALT9KAG3	MX024AALT9KAG3	MX048AALT9KAG3
RM-Series-Round Messenger (ADSS), 900µm Buffered Fiber	RM006XALT5K	RM012XALT5K	RM024XALT5K	RM048XALT5K
DX Series Fiber Outdoor, Polyethylene Jacket, Duct or Aerial Lashing	DX006AALT9KA	DX012AALT9KA	DX024AALT9KA	DX048AALT9KA

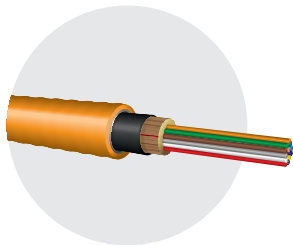
*Hybrid versions available with Single and Multi-Mode Fibers in one jacket.

Flexible, Versatile, & Scalable:
OCC's Fiber Splice Cassette is a versatile, cost-effective solution designed to work in almost any Enterprise closet application.

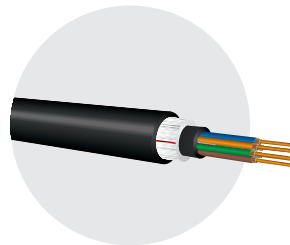
Visit us online to learn more: occfiber.com/product/fiber-splice-cassette/



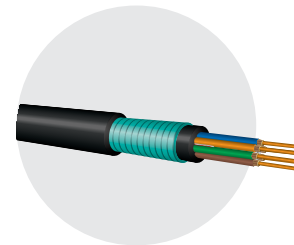
OCC CABLE REINFORCEMENT OPTIONS



ALUMINUM INTERLOCKING ARMOR (ILA)



FIBERGLASS RODENT PROTECTION (FRP)



CORRUGATED STEEL TAPE (CST)

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

TOOLS

COPPER CABLE & CONNECTIVITY

HARSH ENVIRONMENT ASSEMBLIES

MULTI-MODE 50µm OM3 FIBER

CONNECTORS, ADAPTER PLATES, FIBER SPLICE CASSETTES



FIBER OPTIC CONNECTORS, MECHANICAL SPLICE

DESCRIPTION	LC	SC	ST
Xpress Ultra™ Fiber Connector, Pre-Polished, OM3, 250/900µm	RFC-LC5G	RFC-SC5G	FXC-ST5G-6 (6-PACK)
Xpress Ultra™ Fiber Connector, Pre-Polished, OM3, 2/3mm	RFC-LC5G-2/3MM	RFC-SC5G-2/3MM	N/A
2.0mm Boot for FXC Connectors (6-pack)	N/A	N/A	FXC-BOOT-2MM
3.0mm Boot for FXC Connectors (6-pack)	N/A	N/A	FXC-BOOT-3MM

FIBER SPLICE CASSETTES

DESCRIPTION	LC	SC	ST
6-Fiber, OM3 Connectors with Pigtailed	FSCS36DLCP	FSCS36SSCP	FSCS36SSTP
12-Fiber, OM3 Connectors with Pigtailed	FSCS312DLCP	FSCS312DSCP	N/A
24-Fiber, OM3 Connectors with Pigtailed	FSCS324QLCP	N/A	N/A

ADAPTER PLATES

DESCRIPTION	LC	SC	ST
Adapter Plate, 6-Port, OM3, Ceramic Sleeve	616DLC50G	616DSC50G	616MMSTG
Adapter Plate, 12-Port, OM3, Ceramic Sleeve	6112DLC50G	6112DSC50G	6112DST50G
Adapter Plate, 24-Port, OM3, Ceramic Sleeve	6124QLC50G	N/A	N/A

FIBER OPTIC JUMPERS 62.5MM OM1 FIBER

DESCRIPTION	LC-TO-LC	SC-TO-SC	ST-TO-ST	144-FIBER
Light Industrial F.O. Jumpers ,SM, 2 Fiber, 1 Meter Duplex	D6LC-LC-1M	D6SC-SC-1M	D6ST-ST-1M	HC144DALTKCR
Heavy Industrial F.O. Jumpers SM, 2 Fiber, 1 Meter BX Series Round Cable	OCA204613LCCLC0001M	OCA214475SCSC0001M	OCA204488STST0001M	GX144DALTKR



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ON IN-STOCK ITEMS IF ORDERED BY 12PM EST.
800-622-7711

MUTLI-MODE 50µm OM4 FIBER

FIBER OPTIC CABLES & ASSEMBLIES



LIGHT INDUSTRIAL INDOOR/OUTDOOR CABLE 900MM BUFFERED FIBER

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX Series Indoor/Outdoor, PVC Riser Rated	DX006DALE9QR	DX012DALE9QR	DX024DALE9QR	DX048DALE9QR
DX Series Indoor/Outdoor, PVC, Plenum Rated	DX006TALE9QP	DX012TALE9QP	DX024TALE9QP	N/A
DX Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance	DX006KALE9QP	DX012KALE9QP	DX024KALE9QP	DX048KALE9QP
DX Series I/O with Aluminum Interlocking Armour (ILA), Riser Rated	DX006DALE9QR12	DX012DALE9QR12	DX024DALE9QR12	DX048DALE9QR12
DX Series I/O with Aluminum Interlocking Armor (ILA), PVC, Plenum Rated	DX006TALE9QP18	DX012TALE9QP18	DX024TALE9QP18	N/A

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

HEAVY INDUSTRIAL/FIBER OPTIC TRAY CABLE (FOTC) & PLENUM RATED

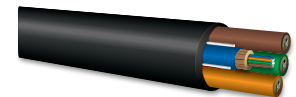
DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
BX Series Indoor/Outdoor PVC Riser, FOTC, 2.5mm Subunits	BX006DALE9QR	BX012DALE9QR	BX024DALE9QR	BX048DALE9QR
BX Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance, 2.0mm Subunits	BX006KALE9QP	BX012KALE9QP	BX024KALE9QP	BX048KALE9QP
BX Series Indoor I/O with Aluminum Interlocking (ILA), PVC Riser, FOTC, 2.5mm Subunits	BX006DALE9QR12	BX012DALE9QR12	BX024DALE9QR12	NA
BX Series Indoor I/O with Aluminum Interlocking (ILA), Plenum Rated 2.0mm Subunits	BX006KALE9QP16	BX012KALE9QP16	BX024KALE9QP16	NA

Other cable configurations and fiber counts available. Contact OCC Sales for more information.

HIGH FIBER FOUNT/FIBER OPTIC CABLE TRAY CABLE (FOTC)

DESCRIPTION	48-FIBER	72-FIBER	96-FIBER	144-FIBER
HC-Series Indoor/Outdoor Cable, 250µm Buffered Fiber, Riser Rated	HC048DALECKR	HC072DALECKR	HC096DALECKR	HC144DALECKR
GX-Series Indoor/Outdoor Cable, 900µm Buffered Fiber, 12 Fiber Subcables, PVC Riser	GX048DALE9KR	GX072DALE9KR	GX096DALE9KR	GX144DALE9KR

Other cable configurations and fiber counts available. Contact OCC Sales for more information.



OCC GX-Series Cable

DIRECT BURIAL CABLES 900µm BUFFERED FIBER

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX Series Corrugated Steel Tape Armored (CST), PVC Riser Inner Cable, Direct Burial	DX006DALE9KAA2	DX012DALE9KAA2	DX024DALE9RAA2	DX048DALE9KAA2
DX Series Rodent Deterrent (FRP) Riser Rated Cables	DX006DALE9QRF1	DX012DALE9QRF1	DX024DALE9QRF1	DX048DALE9QRF1
DX Series Fiber in Conduit (FIC), 1 1/4" Orange Inner-duct with DX Series PVC Riser Inner Cable, Direct Burial	DX006DALE9OAX2	DX012DALE9OAX2	DX024DALE9OAX2	DX048DALE9OAX2

Other cable configurations and fiber counts available. Contact OCC Sales for more information.



OCC DX-Series Cable

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

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TOOLS

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MULTI-MODE 50µm OM4 FIBER



PRE-TERMINATED CABLE ASSEMBLIES WITH PULLING EYE

DESCRIPTION	LC-TO-LC	SC-TO-SC	ST-TO-ST
DX Series Indoor/Outdoor, 12 Strand, Single-Mode Fiber, PVC Riser Rated Assembly 10 Meters	OCA214663LCLC0010M	OCA214664SCSC0010M	OCA214665STST0010M
DX Series I/O with (ILA), 12 Strand Single-Mode Riser Rated Assembly 10 Meters	OCA214666LCLC0010M	OCA214667SCSC0010M	OCA214668STST0010M
BX Series Indoor/Outdoor, 12 Strand Single-Mode Fiber, PVC Riser Rated Assembly 10 Meters	OCA214670LCLC0010M	OCA214671SCSC0010M	OCA214672STST0010M

Last two digits of part number indicate length. Other lengths available.

OUTDOOR AERIAL CABLES

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
MX Series-Figure 8 Messenger, 900µm Buffered Fiber	MX006AALT9KAG3	MX012AALT9KAG3	MX024AALT9KAG3	MX048AALT9KAG3
RM-Series-Round Messenger (ADSS), 900µm Buffered Fiber	RM006XALT5K	RM012XALT5K	RM024XALT5K	RM048XALT5K
DX Series Fiber Outdoor, Polyethylene Jacket, Duct or Aerial Lashing	DX006AALE9KA	DX012AALE9KA	DX024AALE9KA	DX048AALE9KA

CONNECTORS, ADAPTER PLATES, FIBER SPLICE CASSETTES, & JUMPERS

FIBER OPTIC CONNECTORS, MECHANICAL SPLICE

DESCRIPTION	LC	SC	ST
Fiber Connector, Pre-Polished, OM4, 250/900 Boot	RFC-LC5G	RFC-SC5	FXC-ST5G-6 (6-PACK)
Fiber Connector, Pre-Polished, OM4, 2/3mm Boot	RFC-LC5G-2/3MM	RFC-SC5G-2/3MM	N/A
2.0mm Boot for FXC Connectors (6-pack)	N/A	N/A	FXC-BOOT-2MM
3.0mm Boot for FXC Connectors (6-pack)	N/A	N/A	FXC-BOOT-3MM

FIBER OPTIC JUMPERS

DESCRIPTION	LC-TO-LC	SC-TO-SC	ST-TO-ST
Light Industrial F.O. Jumpers, SM, 2 Fiber, 1 Meter Duplex	D6LC-LC-1M	D6SC-SC-1M	D6ST-ST-1M
Heavy Industrial F.O. Jumpers, SM, 2 Fiber, 1 Meter BX Series Round Cable	OCA212283LCLC0001M	OCA214673SCSC0001M	OCA214674STST0001M

FIBER SPLICE CASSETTES

DESCRIPTION	LC	SC	ST
6-Fiber, OM4 Connectors with Pigtails	FSCS46DLCP	FSCS46DSCP	FSCS46SSTP
12-Fiber, OM4 Connectors with Pigtails	FSCS412DLCP	FSCS412DSCP	N/A
24-Fiber, OM4 Connectors with Pigtails	FSCS424LCP	N/A	N/A

ADAPTER PLATES

DESCRIPTION	LC	SC	ST
Adapter Plate, 6-Port, OM4, Ceramic Sleeve	616DLC50Q	616DSC50Q	616MMSTQ
Adapter Plate, 12-Port, OM4, Ceramic Sleeve	6112DLC50Q	6112DSC50Q	6112DST50Q
Adapter Plate, 24-Port, OM4, Ceramic Sleeve	6124QLC50Q	N/A	N/A



OCC Pre-Polished OM4 Adapter



OCC FIBER OPTIC JUMPER

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

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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

MT PRE-TERMINATED TRUNK ASSEMBLIES WITH PULLING EYE - FEMALE MT ENDS

DESCRIPTION	SINGLE-MODE	OM1	OM3	OM4
12 Fiber Pre-Terminated HC Cable PVC Riser Rated	OCA207146MTMT0010M	OCA214678MTMT0010M	OCA214680MTMT0010M	OCA214681MTMT0010M
12 Fiber Pre-Terminated HD Cable Plenum Rated	OCA214677MTMT0010M	OCA214679MTMT0010M	OCA204618MTMT0010M	OCA214682MTMT0010M



MPO-to-MPO CABLE ASSEMBLY

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!

DESCRIPTION	SINGLE-MODE	OM1	OM3	OM4
12-Fiber LC Connectors	MTCM12LC8	MTCM12LC6	MTCM12LC5G	MTCM12LC5Q
24-Fiber LC Connectors	MTCM24LC8	MTCM24LC6	MTCM24LC5G	MTCM24LC5Q
12-Fiber ST Connectors	MTCM12ST8	MTCM12ST6	MTCM12ST5G	MTCM12ST5Q
12-Fiber SC Connectors	MTCM12SC8	MTCM12SC6	MTCM12SC5G	MTCM12SC5Q



OM3 MPO CASSETTE

OCC'S END-TO-END PRE-TERMINATED SOLUTION:



RTC 1U ENCLOSURE



MPO CASSETTE
MTCM112LC5G



12-FIBER MPO
ASSEMBLY



MPO CASSETTE
MTCM112LC5G



WALL MOUNT FIBER
ENCLOSURE, WTC2BN

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER
ASSEMBLIES

FIBER ENCLOSURES
& KITS

TOOLS

COPPER CABLE
& CONNECTIVITY

HARSH ENVIRONMENT
ASSEMBLIES

FIBER OPTIC ENCLOSURES



RACK MOUNT ENCLOSURES

DESCRIPTION	OCC PART #
Rack Mount Fiber Enclosure, 1RU, Holds up to 3 Adapter Plates, Black	RTC1U-3APB
Rack Mount Fiber Enclosure, 2RU, Holds up to 6 Adapter Plates, Black	RTC2U-6APB
Rack Mount Fiber Enclosure, 4RU, Holds up to 12 Adapter Plates, Black	RTC4U-12APB
Rack Mount Fiber Enclosure, 1RU, Sliding, Holds up to 3 Adapter Plates, Black	RTS1U-3APB
Rack Mount Fiber Enclosure, 2RU, Sliding, Holds up to 6 Adapter Plates, Black	RTS2U-6APB
Fiber Enclosure, Rack Mount, 4RU, Sliding, Holds up to 12 Adapter Plates, Black	RTS4U-12APB

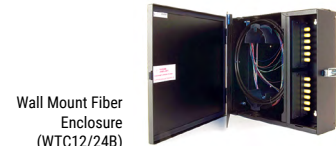
Factory installed locking options available.



RTC/RTS Fiber Enclosures

WALL MOUNT FIBER ENCLOSURES

DESCRIPTION	OCC PART #
Wall Mount Fiber Enclosure, Holds up to 6 Adapter Plates, 17"W x 16.3"H x 5"D, No Inner Door	WTC6APB
Wall Mount Fiber Enclosure, Holds up to 12 Adapter Plates, 18.5"W x 18"H x 6"D, No Inner Door	WTC12APB
Wall Mount Fiber Legacy Enclosure, with Lockable Inner Door, Holds up to 4 Adapter Plates, 13"H x 12"W x 3.5"D	WTC12/24B
Wall Mount Fiber Enclosure, Holds up to 4 Adapter Plates, 17"W x 16.3"H x 5"D, No Inner Door	WTC4APB
Wall Mount Fiber Enclosure, Holds up to 2 Adapter Plates, 15"W x 11.75"H x 2"D, 2-Doors, Conduit Capable	WTC2BN
Wall Mount Mini Enclosure, Holds 1 Adapter Plate, 7"W x 6"H x 1.36"D	ZDMB6B
Zone Distribution Enclosure, (Empty) holds 1 Adapter Plate, 9.5"W x 7"H x 1.5"D	ZDMBC1AP
Fiber Distribution Hub Enclosure, 13RU, 21.18"W x 24.78"H x 11"D	FDH13RU



Wall Mount Fiber Enclosure (WTC12/24B)



Wall Mount Fiber Enclosure (WTC2BN)

DIN RAIL FIBER ENCLOSURES

DESCRIPTION	OCC PART #
DIN Rail Fiber Enclosure, Holds 1 Adapter Plate, Cable Entry Grommet, Black, Empty	DTC1AP
DIN Rail Fiber Enclosure, Holds 2 Adapter Plates, Cable Entry Grommet, Black, Empty	DTC2AP
DIN Rail Fiber Enclosure, Holds 1 Adapter Plate, Liquid Tight Cable Gland, Black, Empty	DTC1APG
DIN Rail Fiber Enclosure, Holds 2 Adapter Plates, Liquid Tight Cable Gland, Black, Empty	DTC2APG



DIN Rail Fiber Enclosure



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SINGLE-MODE

OM1

OM3 & OM4

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FIBER ENCLOSURES & KITS

TOOLS

COPPER CABLE & CONNECTIVITY

HARSH ENVIRONMENT ASSEMBLIES

FIBER OPTIC ENCLOSURES & KITS



WALL MOUNT NEMA FIBER ENCLOSURES

DESCRIPTION	OCC PART #
NEMA 4X Enclosure, 12-Port, Holds 2 Adapter Plates, 10"H x 8"W x 4"D	OC012NX
NEMA 4X Enclosure, 12-Port, Holds 2 Adapter Plates, Includes Patch/Splice Block, 10"H x 8"W x 4"D	OC012NXSB
NEMA 4X Enclosure, 48-Port, Holds 8 Adapter Plates, 16.5"H x 14.5"W x 8.1"D	OC048NX
NEMA 4X Enclosure, Patch & Splice, Includes 1-W48S Kit (2-24 Fiber Splice Trays, Transition Trays, Mounting Hardware, Cable Management, & Port Identification), 16.5"H x 14.5"W x 8.1"D	OC048NXS
NEMA 3 Outdoor Rated Enclosure, 6-Port, Holds 1 Adapter Plate, 11.5"H x 8.5"W x 3"D	OC06N
NEMA 3 Outdoor Rated Enclosure, 12-Port, Holds 2 Adapter Plates, 11.5"H x 8.5"W x 3"D	OC012N



NEMA 4X Enclosure
OC048NX

SPLICE TRAY KITS

RACK MOUNT

DESCRIPTION	OCC PART #
Rack Mount Splice Tray Kit, (2) Splice Trays, For Use With RTC/RTS1U, 72 Splices	RS1U2T
Rack Mount Splice Tray Kit, (4) Splice Trays, For Use With RTC/RTS2U, 144 Splices	RS2U4T
Rack Mount Splice Tray Kit, (8) Splice Trays, for Use with RTC/RTS4RU, 288 Splices	RS4U8T

Other Splice Tray Kits Available Upon Request.

WALL MOUNT

DESCRIPTION	OCC PART #
Wall Mount Splice Tray Kit, For WTC12/24 & WTC6APB Enclosures, 24-Fiber Splice Tray	W24PT
Wall Mount Splice Tray Kit, For WTC12APB, 48-Fiber Splice Tray	W48S
Wall Mount Splice Tray Kit, For Use with WTC12APB, 72-Fiber Splice Tray	W72S



NEMA 3 Enclosure
OC012NX



Rack Mount Splice Tray Kit

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SINGLE-MODE

OM1

OM3 & OM4

MT FIBER
ASSEMBLIES

FIBER ENCLOSURES
& KITS

TOOLS

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HARSH ENVIRONMENT
ASSEMBLIES

TOOLS



XPRESS ULTRA TERMINATION KIT

DESCRIPTION	OCC PART #
Xpress Ultra™ Fiber Tool Kit	RFCTK
Precision Cleave Tool	RFCCCL
Xpress Ultra™ 250µm / 125µm Fiber Stripper	RFDFS
HC Fiber Sub Unit Stripper, 2.2 mm	FOHC-SLT
HC/HD Cable Fan-out Kit, Buffer Tubing, 12-fiber	HCBK12-24900



Easy Ordering: The OCC Xpress Ultra™ Termination or Cleaning Kit can be ordered as a full kit or with individual parts.

XPRESS ULTRA CLEANING KIT

DESCRIPTION	OCC PART #
Xpress Ultra™ Fiber Cleaning Kit	RFCCK
Xpress Ultra™ Lint Free Dry Wipes (Box)	RFCLFDW
Xpress Ultra™ Cleaning Solvent (Spray Bottle)	RFCSOL
Xpress Ultra™ One Click Cleaner 1.25	RFCS1
Xpress Ultra™ One Click Cleaner 2.50	RFCS2
Xpress Ultra™ One Click Replacement Cartridge for 1.25 (LC and MU)	RFRC1
Xpress Ultra™ Replacement Cartridge for 2.50 (SC, FC and ST)	RFRC2
Xpress Ultra™ One Click Cleaner for MPO Connectors	RFCSMPO
Xpress Ultra™ Cleaner Mini 1.25	RFCSM1
Xpress Ultra™ Cleaner Mini 2.50	RFCSM2



KMJ JACK TOOLS

DESCRIPTION	OCC PART #
Parallel Jaw Pliers	FPJP
KMJ Jack Termination Tool	PA8109



KMJ Jack Termination Tool PA8109



Parallel Jaw Pliers FPJP



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SINGLE-MODE

OM1

OM3 & OM4

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TOOLS

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HARSH ENVIRONMENT ASSEMBLIES

COPPER CABLE & CONNECTIVITY



CATEGORY 6

CABLE

DESCRIPTION	OCC PART #
Category 6 High-Performance Plenum (CMP) Cable	OCC-U64HPLM-xx
Category 6 High-Performance Riser (CMR) Cable	OCC-U64HR-xx
Category 6 Plenum (CMP) Cable	OCC-UE64PLM-xx
Category 6 Riser (CMR)	OCC-UE64R-xx
Category 6 F/UTP Shielded (CMP) Cable	OCC-FTP64PLM-xx
Category 6 F/UTP Shielded (CMR) Cable	OCC-FTP64R-xx
Category 6 OSP Cable	OCC-U64OSP

Replace "xx" with color code, see OCC Copper Cable Color Chart for reference. Minimum Order Quantities may apply.

KMJ JACKS

DESCRIPTION	OCC PART #
Category 6 KMJ Jack	KMJA6xx

Replace "xx" with color code, see OCC Jack Color Code Chart for reference.

PATCH PANELS

DESCRIPTION	OCC PART #
Wall Mount Patch Panel, 568A/B Wired, 12-port, 89D Bracket	PP12SIX
Rack Mount Category 6 Patch Panel, 24-Port, 110-Punch Down	DCC2488/110SIX
Rack Mount Category 6 Patch Panel, 48-Port, 110-Punch Down	DCC4888/110SIX
Rack Mount Patch Panel, 24-port, KMJ Shielded Jacks, 1RU	DCC2488/110SIX-S
Rack Mount Patch Panel, 48-port, KMJ Shielded Jacks, 2RU	DCC4888/110SIX-S
Rack Mount Angled Patch Panel, 568A/B Wired, 24-port, 1RU	ACC2488/110SIX
Rack Mount Angled Patch Panel, 568A/B Wired, 48-port, 2RU	ACC4888/110SIX
1RU Wall Mount Bracket, 1.75"H x 19.69"W x 3.94"D	WF101
2RU Wall Mount Bracket, 3.50"H x 19.0"W x 5.0"D	WMB3519
Rack Mount Unloaded Panel, KMJ, 24-Port, 1RU	AK24
Rack Mount Field Configurable Patch Panel, KMJ, 48-Port, 2RU	AK48H

PATCH CORDS

DESCRIPTION	OCC PART #
Category 6 Patch Cord 3ft, with Boot	PCSIX03Byy
Category 6 Patch Cord 5ft, with Boot	PCSIX05Byy
Category 6 Patch Cord 7ft, with Boot	PCSIX07Byy

Replace "yy" with color code, see OCC Patch Cord Color Chart for Reference. Minimum Order Quantities may apply.

CATEGORY 5E

PATCH PANELS

DESCRIPTION	OCC PART #
24-Port, Category 5e Patch Panel, 110-Punch Down	DCC2488/110A5E-R
48-Port, Category 5e Patch Panel, 110-Punch Down	DCC4888/110A5E-R

KMJ JACKS

DESCRIPTION	OCC PART #
Category 5e KMJ Jack	KMJA5EXX

Replace "xx" with color code, see OCC Jack Color Code Chart for reference.

PATCH CORDS

DESCRIPTION	OCC PART #
Category 5e Patch Cord 3ft, with Boot	PC5EB03Byy
Category 5e Patch Cord 5ft, with Boot	PC5EB05Byy
Category 5e Patch Cord 7ft, with Boot	PC5EB07Byy

Replace "yy" with color code, see OCC Patch Cord Color Chart for Reference. Minimum Order Quantities may apply.



KMJ Category 6 Unshielded Jacks



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SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

TOOLS

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HARSH ENVIRONMENT ASSEMBLIES

CATEGORY 6A



PATCH PANELS

DESCRIPTION	OCC PART #
Rack Mount Unloaded Panel, KMJ, 24-Port, 1RU	AK24STP6A
Rack Mount Unloaded Panel, KMJ, 48-Port, 2RU	AK48STP6A
Patch Panel, 24-Port, Category 6A, Field Config, 1RU, Includes K6A02 Connectors	DCC2488/1106AN
Patch Panel, 48-Port, Category 6A, Field Config, 2RU, Includes K6A02 Connectors	DCC4888/1106AN
Patch Panel, 24-Port, Category 6A, UTP, 1RU, Angled, Includes K6A02 Connectors	ACC2488/1106AN
Patch Panel, 48-Port, Category 6A, UTP, 2RU, Angled, Includes K6A02 Connectors	ACC4888/1106AN
Patch Panel, 24-Port, Category 6A, Shielded, 1RU, Includes K6AS Connectors	DCC2488/1106A-S
Patch Panel, 48-Port, Category 6A, Shielded, 2RU, Includes K6AS Connectors	DCC4888/1106A-S
Patch Panel, 24-port, Category 6A, 110 Punch Down, UTP, 1RU	DCC2488/1106APD
Patch Panel, 48-port, Category 6A, 110 Punch Down, UTP, 2RU	DCC4888/1106APD
Patch Panel, 24-Port, Category 6A, Shielded, 1RU, Angled, Includes K6AS Connectors	ACC2488/1106A-S
Patch Panel, 48-Port, Category 6A, Shielded, 2RU, Angled, Includes K6AS Connectors	ACC4888/1106A-S
1RU Wall Mount Bracket, 1.75"H x 19.69"W x 3.94"D	WF101
2RU Wall Mount Bracket, 3.50"H x 19.0"W x 5.0"D	WMB3519

Wall Mount Brackets can be utilized with all OCC Patch Panels.

10G-Capable: OCC's end-to-end Category 6A Copper Solution provides a backward-compatible solution that includes cables, jacks, field terminable plugs, patch panels, faceplates, and patch cords. Visit hubs.ly/H0tszTJO



CABLE

DESCRIPTION	OCC PART #
Category 6A UTP CMP Small OD Cable	OCC-U6A4SPLM-xx
Category 6A UTP CMR Small OD Cable	OCC-U6A4SR-xx
Category 6A F/UTP CMP Cable	OCC-FTP6A4PLM-xx
Category 6A F/UTP CMR Cable	OCC-FTP6A4R-xx
Category 6A UTP CMP Indoor/Outdoor Cable	OCC-U6A4PIO

Replace "xx" with color code, see OCC Copper Cable Color Chart for Reference. Minimum Order Quantities may apply.

KMJ JACKS & FIELD TERMINABLE PLUGS

DESCRIPTION	OCC PART #
Category 6A KMJ Outlet Jacks, UTP - Unshielded	K6Axx
Category 6A KMJ Outlet Jacks, STP - Shielded	K6ASxx
Category 6A Unshielded Field Terminable Plug	OCCUFP6A
Category 6A Shielded Field Terminable Plug	OCCSFP6A

Replace "xx" with color code, see OCC Jack Color Code Chart for reference.

PATCH CORDS

DESCRIPTION	OCC PART #
Category 6A Patch Cord, Unshielded, Booted, 3ft	PC6AU-B-03yy
Category 6A Patch Cord, Unshielded, Booted, 5ft	PC6AU-B-05yy
Category 6A Patch Cord, Unshielded, Booted, 7ft	PC6AU-B-07yy
Category 6A Shielded 28AWG Mini-Patch Cord, Yellow, 3ft	PC6ASM03B01
Category 6A Shielded 28AWG Mini-Patch Cord, Yellow, 5ft	PC6ASM05B01
Category 6A Shielded 28AWG Mini-Patch Cord, Yellow, 7ft	PC6ASM07B01

Replace "yy" with color code, see OCC Patch Cord Color Chart for Reference. Minimum Order Quantities may apply. Also available with Plenum Rating (add "P" to end of part number).



Category 6A Field Terminable Plug



KMJ Category 6A Shielded Jacks

OCC COPPER CABLE COLOR CODE CHART

01 - Yellow	06 - Data Grey
02 - Black	07 - White
03 - Red	08 - Violet
04 - Green	09 - Orange
05 - Blue	

OCC JACK COLOR CODE CHART

00 - Electrical Ivory	06 - Data Grey
01 - Office White	08 - Orange
02 - Black	09 - Yellow
03 - Red	10 - Purple
04 - Green	11 - Brown
05 - Blue	12 - Bright White
	18 - Process Blue

OCC PATCH CORD COLOR CODE CHART

01 - Yellow	06 - Data Grey
02 - Black	07 - White
03 - Red	08 - Orange
04 - Green	09 - Brown
05 - Blue	10 - Purple

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

TOOLS

COPPER CABLE & CONNECTIVITY

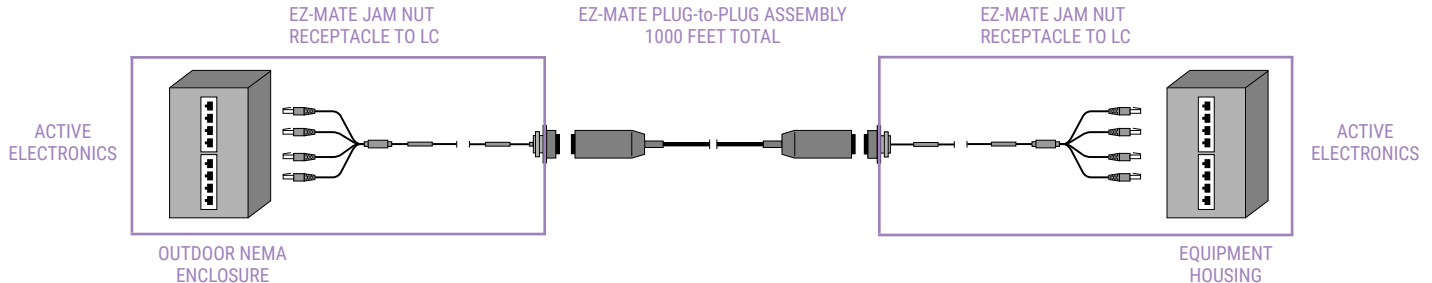
HARSH ENVIRONMENT ASSEMBLIES

HARSH ENVIRONMENT CONNECTORS



OCC's rugged plug-and-play solutions are designed for quick and easy network deployment, eliminating the need for onsite splicing or terminations. These systems offer flexibility and can accommodate configurations ranging from 2-48 fibers using OCC's diverse line of HE connectors and compatible with both single-mode or multi-mode tight buffer cables. Let OCC help you design your HE end-to-end solutions for your next application.

OCC'S HARSH ENVIRONMENT PRE-TERMINATED END-TO-END SOLUTION



FIBER OPTIC CONNECTORS



EZ-MATE™ CONNECTORS (UP TO 24CH)

The OCC EZ-MATE family of connectors provides a comprehensive solution for quick mating in a tactical footprint. Available in 4-, 6-, 12-, or 24-channel configurations.



COTS M83526 (TFOCA-II®) CONNECTORS (UP TO 12 CH)

This tactical fiber optic connector is the standard connector for the US DoD and can be used in any deployable application. Available in either 4- or 12-channel shell size configurations.

TFOCA-II® is a trademark from Amphenol Fiber Systems International



TFOCA 3 CONNECTOR (UP TO 24CH)

This tactical fiber optic connectors is designed to accommodate higher fiber counts using the 1.25mm termini. Available in 6- or 24-channel configurations.



MHC®-T3 CONNECTORS (UP TO 48 CH)

OCC's patented MHC-T3 is the next generation in compact, high density, fiber optic connectors. Utilizing MT ferrule technology, the MHC-T3 can deliver up to 48 single-mode or multimode fibers in an environmentally-protected, hermaphroditic connector with a smaller footprint than traditional cylindrical connectors.

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER ASSEMBLIES

FIBER ENCLOSURES & KITS

TOOLS

COPPER CABLE & CONNECTIVITY

HARSH ENVIRONMENT ASSEMBLIES

HARSH ENVIRONMENT ASSEMBLIES



HYBRID (FIBER & ELECTRIC) CONNECTORS

OCC Harsh Environment Hybrid solutions are also available, which integrate both copper and fiber within a single cable and connector to provide power and communications to your network devices. These connectors, combined with OCC's tight buffer cables makes these systems ideal for areas that have extreme environmental conditions such as military, mining, drilling rigs, remote power and broadcast.



F-LINK™ CONNECTOR (UP TO 33 CH)

F-LINK™ IP67 Rated fiber optic termini are designed to provide exceptional optical performance using 1.25mm ceramic ferrule technology while delivering cost effective solutions. The termini are designed to the same mating plane as MIL-DTL-38999 electrical pin and socket contacts, enabling application of popular M39029 electrical contacts.



MHC®-T2 CONNECTOR (UP TO 8 CH)

OCC's MHC-T2 hermaphroditic connector is the next generation in tactical single terminus connectors. Due to the small form factor, it allows for reduced weight and size while maintaining a rugged connection. Available in 2-, 4-, 6-, and 8-channels. Fiber & Fiber/copper configurations available in 8 channel shell size.



EZ-MATE™ HYBRID CONNECTOR (12 CH)

OCC's EZ-H is severe-duty 12-channel hybrid connector. This connector combines power and communication into a single connector. Includes 8 fiber optic termini and (4) 12 AWG electrical contacts.

OTHER HARSH ENVIRONMENT CONNECTORS



PIERSIDE CONNECTORS (UP TO 12 CH)

Designed to meet the stringent Pierside performance specifications (NAVSEA drawings 7379171 and 7379172). This connector provides a genderless mating system and is constructed with hard anodized plating with PTFE for corrosion resistance.



L-JACK™ CONNECTORS

OCC's IP68 Rated L-Jack™ is a robust fiber optic duplex LC connector that couples the small form factor of traditional LCs with the known ruggedness of OCC harsh environment connectors.



R-JACK® INDUSTRIAL RJ-45 SOLUTION

The R-Jack® Ethernet IP68 Rated Connector provides an efficient, comprehensive, and affordable solution for Ethernet connectivity in environmentally challenging applications. Unlike low quality plastic RJ-45 receptacles, OCC's R-JACK is designed to ensure performance and durability, even in the harshest conditions.

SINGLE-MODE

OM1

OM3 & OM4

MT FIBER
ASSEMBLIES

FIBER ENCLOSURES
& KITS

TOOLS

COPPER CABLE
& CONNECTIVITY

HARSH ENVIRONMENT
ASSEMBLIES



HARSH ENVIRONMENT CONNECTOR REFERENCE CHART

FIBER OPTIC CONNECTORS

CONNECTOR	FIBER	TERMINI
COTS M83526 TFOCA-II®	4 – 12	2.5mm
TFOCA 3	6 – 24	1.25mm
EZ-Mate™	4 – 24	2.5mm & 2.0mm
MHC®-T2	2 – 8	1.25mm
MHC®-T3	12 – 48	MTP
PIERSIDE	6 – 12	2.0mm
L-JACK	2	1.25mm

FIBER OPTIC & COPPER CONNECTORS

CONNECTOR	FIBER & COPPER	TERMINI
MHC®-T2	2 – 8	1.25mm & 16 AWG
F-Link	2 – 33	1.25mm & 16 AWG
EZ-Mate Hybrid (EZ-H)	8 Fiber 4 Electric	2.5mm & 12 AWG

WARRANTY & ASSURANCE

WARRANTIES

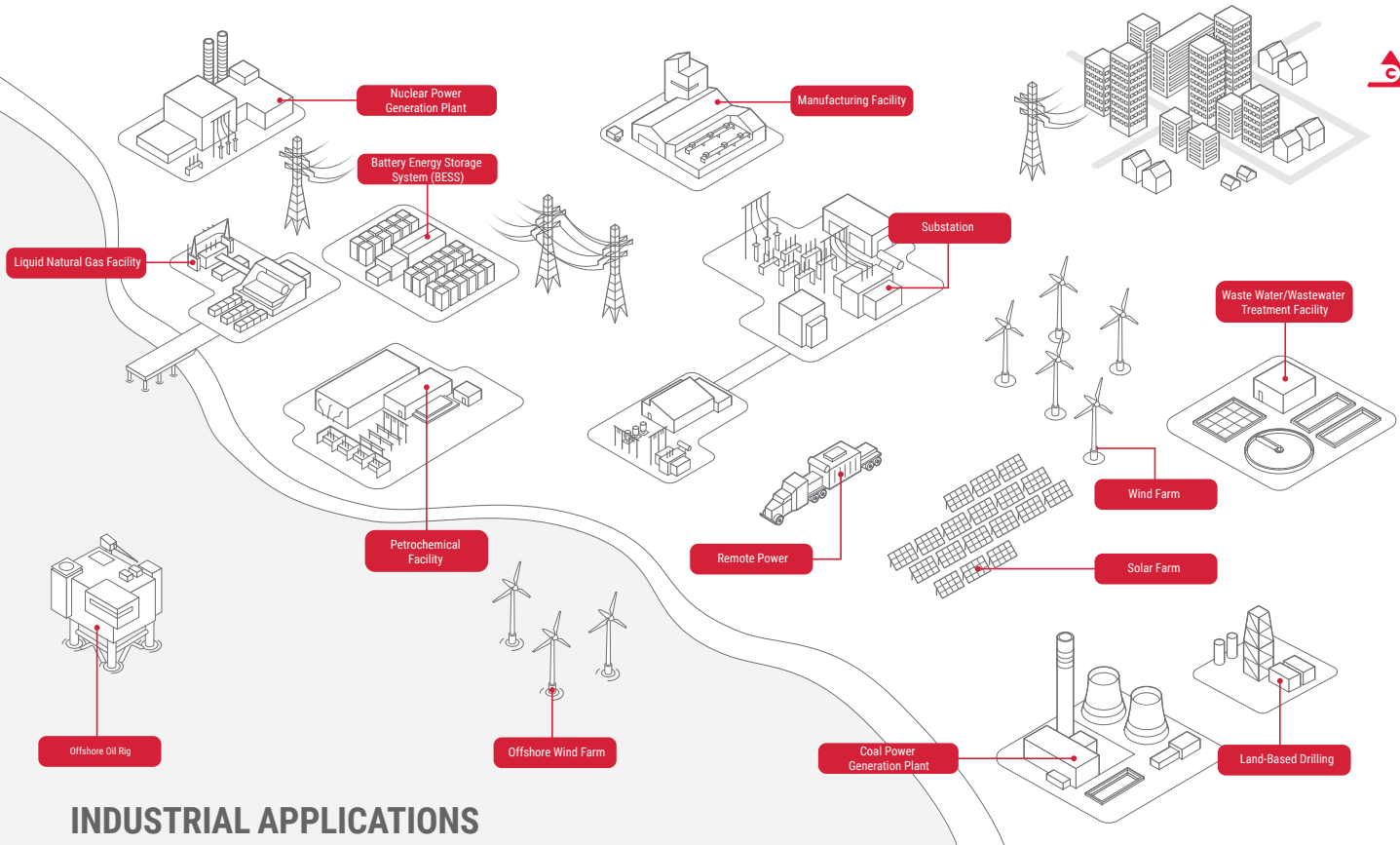
At OCC, we understand reliability is critical to your business. The demands of modern industry require datacomm components that provide both flawless performance and exceptional integrity. We're committed to providing cabling and connectivity solutions that exceed industry standards. Then you can be certain you are getting components that are fully warranted by OCC, according to each applicable warranty statement. Learn more: occfiber.com/performance-warranties

MDIS PROGRAM

OCC's Multimedia Design and Integration Specialist (MDIS) Program is designed to serve as a guarantee that our quality products are being installed to our extremely rigorous installation standards. This means the installer can rely on technical assistance, specification support and various resources for any application or project using OCC cable and connectivity products. Learn more about the MDIS 25 Year System Warranty: occfiber.com/25-year-warranty

QUALITY ASSURANCE

Our Quality Management System is certified to ISO 9001:2015, the internationally recognized standard for quality management systems. This means that each customer will receive the highest quality standard on each and every product. OCC conducts rigorous inspections to ensure the quality and reliability of all our products. This includes extensive environmental and mechanical testing on each product type to verify compliance on a continuing basis. In addition, many independent testing and verification laboratories continue to confirm our compliance to UL, MSHA, and other applicable product standards. **Rest assured, our quality is sound.**



INDUSTRIAL APPLICATIONS

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 800.622.7711

VISIT US AT
OCCFIBER.COM

CONTACT US AT
INFO@OCCFIBER.COM



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