



# 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

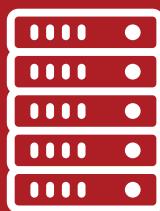
HARSH ENVIRONMENT  
ASSEMBLIES

# 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](http://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		
B-SERIES	X	X	X	X	X	X	X			ALL	ILA, CST, FRP Braided
DX-SERIES	X	X	X	X	X			X	X	ALL	ILA, CST, FRP Braided
G-SERIES	X		X			X				ALL	ILA
DZ-SERIES	X		X							ALL	ILA
HC-SERIES	X	X	X	X	X	X	X	X	X	SM, OM1, OM3	ILA, CST, FRP
TL-SERIES		X						X	X	SM	CST
A-SERIES	X									ALL	
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	DX006DSLA9KR	DX012DSLA9KR	DX024DSLA9KR	DX048DSLA9KR
DX-Series Indoor/Outdoor, PVC, Plenum Rated	DX006TSLA9YP	DX012TSLA9YP	DX024TSLA9YP	N/A
DX-Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance	DX006KSLA9YP	DX012KSLA9YP	DX024KSLA9YP	DX048KSLA9YP
DX-Series Indoor/Outdoor with Aluminum Interlocking Armor (ILA), Riser Rated	DX006DSLA9YR12	DX012DSLA9YR12	DX024DSLA9YR12	DX048DSLA9YR12
DX-Series Indoor/Outdoor with Aluminum Interlocking Armor (ILA), PVC, Plenum Rated	DX006TSLA9YPI8	DX012TSLA9YPI8	DX024TSLA9YPI8	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 Rated, FOTC, 2.5mm Subunits	BX006DSLA9KR	BX012DSLA9KR	BX024DSLA9KR	BX048DSLA9KR
BX-Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance, 2.0mm Subunits	BX006KSLA9YP	BX012KSLA9YP	BX024KSLA9YP	BX048KSLA9YP
BX-Series Indoor/Outdoor with Aluminum Interlocking (ILA), PVC, Riser Rated, FOTC, 2.5mm Subunits	BX006DSLA9KRI2	BX012DSLA9KRI2	BX024DSLA9KRI2	N/A
BX-Series Indoor/Outdoor with Aluminum Interlocking (ILA), Plenum Rated 2.0mm Subunits	BX006KSLA9YPI6	BX012KSLA9YPI6	BX024KSLA9YPI6	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, 250µm Buffered Fiber, 12-Fiber Sub Cables, PVC, Riser Rated	HC024DSLACKR	HC048DSLACKR	HC096DSLACKR	HC144DSLACKR
GX-Series Indoor/Outdoor, 900µm Buffered Fiber, 12-Fiber Sub Cables, PVC, Riser Rated	GX024DSLA9KR	GX048DSLA9KR	GX096DSLA9KR	GX144DSLA9KR

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

## FIBER OPTIC CABLES & ASSEMBLIES

### OUTDOOR CAMPUS CABLES

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX-Series Corrugated Steel Tape Armored (CST), PVC, Riser Rated Inner, Direct Burial	DX006DSLA9KAA2	DX012DSLA9KAA2	DX024DSLA9KAA2	DX048DSLA9KAA2
DX-Series Rodent Deterrent (FRP), Riser Rated	DX006DSLA9KRF1	DX012DSLA9KRF1	DX024DSLA9KRF1	DX048DSLA9KRF1
DX-Series Fiber in Conduit (FIC), 1 1/4" Orange Innerduct with DX-Series, PVC, Riser Rated Inner Cable, Direct Burial	DX006DSLA90AX2	DX012DSLA90AX2	DX024DSLA90AX2	DX048DSLA90AX2
TL-Series Outdoor (OSP) Loose Tube Fiber, Polyethylene Jacket, Duct or Aerial Lashing	N/A	TL012ASLAJKA	TL024ASLAJKA	TL048ASLAJKA
TL-Series Outdoor OSP Loose Tube Fiber in Conduit (FIC), 1 1/4" Orange Innerduct with TL-Series PE OSP Inner Cable	N/A	TL012ASLAJOAX2	TL024ASLAJOAX2	TL048ASLAJOAX2

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



CORRUGATED STEEL TAPE

### 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*	RM006XSL5K	RM012XSL5K	RM024XSL5K	RM048XSL5K
DX Series Fiber Outdoor, Polyethylene Jacket, Duct or Aerial Lashing	DX006ASLA9KA	DX012ASLA9KA	DX024ASLA9KA	DX048ASLA9KA
TL Series Outdoor OSP Loose Tube, Polyethylene Jacket, Duct or Aerial Lashing	N/A	TL012ASLAJKA	TL024ASLAJKA	TL048ASLAJKA



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



PRE-TERMINATED DX-SERIES ASSEMBLY

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



Call us today about our Single-Mode options.  
OCC Sales at **800-622-7711** for more information.

# SINGLE-MODE

## CONNECTORS, ADAPTER PLATES, FIBER SPLICING CASSETTES, & JUMPERS

### FIBER OPTIC CONNECTORS, MECHANICAL SPLICING

DESCRIPTION	LC	SC	ST
Xpress Ultra™ Fiber Connector, Pre-Polished, Single-Mode, 250/900µm	RFC-LC8	RFC-SC8	FXC-ST8-6 (6-PACK)
Xpress Ultra™ Fiber Connector, Pre-Polished, Single-Mode, APC, 250/900µm	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 SPLICING CASSETTES

DESCRIPTION	LC	SC	ST
12-Fiber, Single-Mode Connectors with Fiber Pigtailed	FSCS812DLC	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	FSCSA12DLC	FSCSA12DSCP	N/A
24-Fiber, Single-Mode, APC Connectors with Fiber Pigtailed	FSCSA24QLCP	N/A	N/A



OCC 24-FIBER SINGLE  
MODE SPLICING  
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, Single-Mode, 2-Fiber, 1 Meter, Duplex	D8LC-LC-1M	D8SC-SC-1M	D8ST-ST-1M
Heavy Industrial F.O. Jumpers, Single-Mode, 2-Fiber, 1 Meter, BX-Series Round Cable	OCA213134LCLC0001M	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

# 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	<b>DX006DWLS9KR</b>	<b>DX012DWLS9KR</b>	<b>DX024DWLS9KR</b>	<b>DX048DWLS9KR</b>
DX-Series Indoor/Outdoor, PVC, Plenum Rated	<b>DX006TWLS90P</b>	<b>DX012TWLS90P</b>	<b>DX024TWLS90P</b>	<b>N/A</b>
DX-Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance	<b>DX006KWLS90P</b>	<b>DX012KWLS90P</b>	<b>DX024KWLS90P</b>	<b>DX048KWLS90P</b>
DX-Series Indoor/Outdoor with Aluminum Interlocking Armour (ILA), Riser Rated	<b>DX006DWLS90RI2</b>	<b>DX012DWLS90RI2</b>	<b>DX024DWLS90RI2</b>	<b>DX048DWLS90RI2</b>
DX Series Indoor/Outdoor with Aluminum Interlocking Armor (ILA), PVC, Plenum Rated	<b>DX006TWLS90PI8</b>	<b>DX012TWLS90PI8</b>	<b>DX024TWLS90PI8</b>	<b>N/A</b>

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 Rated, FOTC, 2.5mm Subunits	<b>BX006DWLS9KR</b>	<b>BX012DWLS9KR</b>	<b>BX024DWLS9KR</b>	<b>BX048DWLS9KR</b>
BX-Series Indoor/Outdoor, Fluoropolymer, Plenum Rated, Severe Chemical Resistance, 2.0mm Subunits	<b>BX006KWLS90P</b>	<b>BX012KWLS90P</b>	<b>BX024KWLS90P</b>	<b>BX048KWLS90P</b>
BX-Series Indoor/Outdoor with Aluminum Interlocking (ILA), PVC Riser Rated, FOTC, 2.5mm Subunits	<b>BX006DWLS90RI2</b>	<b>BX012DWLS90RI2</b>	<b>BX024DWLS90RI2</b>	<b>N/A</b>
BX-Series Indoor/Outdoor with Aluminum Interlocking (ILA), Plenum Rated, 2.0mm Subunits	<b>BX006KWLS90PI6</b>	<b>BX012KWLS90PI6</b>	<b>BX024KWLS90PI6</b>	<b>N/A</b>

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, 250µm Buffered Fiber, 12-Fiber Subunits, Riser Rated	<b>HC048DWLSCKR</b>	<b>HC072DWLSCKR</b>	<b>HC096DWLSCKR</b>	<b>HC144DWLSCKR</b>
GX-Series Indoor/Outdoor, 900µm Buffered Fiber, 12-Fiber Subunits, PVC, Riser Rated	<b>GX048DWLS9KR</b>	<b>GX072DWLS9KR</b>	<b>GX096DWLS9KR</b>	<b>GX144DWLS9KR</b>

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



# 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 Rated Inner Cable, Direct Burial	DX006DWLS9KAA2	DX012DWLS9KAA2	DX024DWLS9KAA2	DX048DWLS9KAA2
DX-Series Rodent Deterrent (FRP), Riser Rated	DX006DWLS9KRF1	DX012DWLS9KRF1	DX024DWLS9KRF1	DX048DWLS9KRF1
DX-Series Fiber in Conduit (FIC), 1 1/4" Orange Innerduct with DX-Series, PVC, Riser Rated Inner Cable, Direct Burial	DX006DWLS90AX2	DX012DWLS90AX2	DX024DWLS90AX2	DX048DWLS90AX2

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



OCC DX-SERIES FRP CABLE

### 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-TO-LC	SC-TO-SC	ST-TO-ST
DX-Series Indoor/Outdoor Assembly, 12-Strand, 62.5µm OM1, PVC Riser Rated, 10 Meters	OCA209420LCLC0010M	OCA206307SCSC0010M	OCA214622STST0010M
DX-Series Indoor/Outdoor Assembly with (ILA), 12-Strand, 62.5µm OM1, Riser Rated, 10 Meters	OCA214623LCLC0010M	OCA214624SCSC0010M	OCA205622STST0010M
BX-Series Indoor/Outdoor, 12-Strand, 62.5µm OM1, PVC Riser Rated Assembly, 10 Meters	OCA204700LCLC0010M	OCA214635SCSC0010M	OCA206062STST0010M

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



We also offer OM2 connectivity options.

Call OCC Sales at 800-622-7711 for more information.

**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/Q02BKvK10>



# MULTI-MODE 62.5µm OM1 FIBER

## CONNECTORS, ADAPTER PLATES, FIBER SPLICING CASSETTES, & PATCH CORDS



### FIBER OPTIC CONNECTORS, MECHANICAL SPLICE

DESCRIPTION	LC	SC	ST
Xpress Ultra™ Fiber Connector, Pre-Polished, 62.5µm, 250/900µm	RFC-LC6	RFC-SC6	FXC-ST6-6 (6-PACK)
Xpress Ultra™ Fiber Connector, Pre-Polished, 62.5µm, 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 Pigtails	FSCS16DLCP	FSCS16SSCP	FSCS16SSTP
12-Fiber Cassette, OM1 Connectors with Pigtails	FSCS112DLCP	FSCS112DSCP	N/A
24-Fiber Cassette, OM1 Connectors with Pigtails	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, OM1, 2-Fiber, 1 Meter Duplex	D6LC-LC-1M	D6SC-SC-1M	D6ST-ST-1M
Heavy Industrial F.O. Jumpers, OM1, 2-Fiber, 1 Meter BX-Series Round Cable	OCA204613LCLC0001M	OCA214475SCSC0001M	OCA204488STST0001M

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

#### 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](http://occfiber.com/contact)



# 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 Indoor/Outdoor with Aluminum Interlocking Armour (ILA), Riser Rated	DX006DALT9QRI2	DX012DALT9QRI2	DX024DALT9QRI2	DX048DALT9QRI2
DX-Series Indoor/Outdoor with Aluminum Interlocking Armor (ILA), PVC, Plenum Rated	DX006TALT9QPI8	DX012TALT9QPI8	DX024TALT9QPI8	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 Rated, 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/Outdoor with Aluminum Interlocking (ILA), PVC, Riser Rated, FOTC, 2.5mm Subunits	BX006DALT9QRI2	BX012DALT9QRI2	BX024DALT9QRI2	N/A
BX Series Indoor/Outdoor with Aluminum Interlocking (ILA), Plenum Rated, 2.0mm Subunits	BX006KALT9QPI6	BX012KALT9QPI6	BX024KALT9QPI6	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, 250µm Buffered Fiber, Riser Rated	HC048DALTCKR	HC072DALTCKR	HC096DALTCKR	HC144DALTCKR
GX-Series Indoor/Outdoor, 900µm Buffered Fiber, 12-Fiber Subunits, PVC, Riser Rated	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	DX024DALT9KAA2	DX048DALT9KAA2
DX-Series Rodent Deterrent (FRP) Riser Rated, Black	DX006DALT9KRF1	DX012DALT9KRF1	DX024DALT9KRF1	DX048DALT9KRF1
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



# MULTI-MODE 50µm OM3 FIBER



## PRE-TERMINATED CABLE ASSEMBLIES WITH PULLING EYE

DESCRIPTION	LC-TO-LC	SC-TO-SC	ST-TO-ST
DX-Series Indoor/Outdoor Assembly, 12-Strand, 50µm OM3, PVC, Riser Rated, 10 Meters	OCA206252LCLC0010M	OCA214628SCSC0010M	OCA214629STST0010M
DX-Series Indoor/Outdoor Assembly with (ILA), 12-Strand, 50µm OM3, Riser Rated, 10 Meters	OCA204689LCLC0010M	OCA214630SCSC0010M	OCA214631STST0010M
BX-Series Indoor/Outdoor Assembly, 12-Strand, 50µm OM3, PVC, Riser Rated, 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

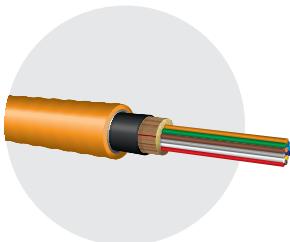
\*Hybrid versions available with Single and Multi-Mode Fibers in one jacket.

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

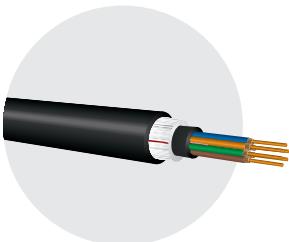
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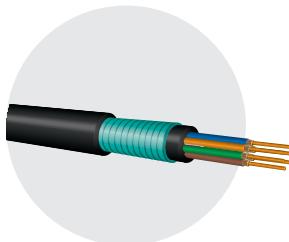
## OCC CABLE REINFORCEMENT OPTIONS



ALUMINUM INTERLOCKING ARMOR (ILA)



FIBERGLASS RODENT PROTECTION (FRP)



CORRUGATED STEEL TAPE (CST)

# 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 Pigtails	FSCS36DLCP	FSCS36SSCP	FSCS36SSTP
12-Fiber, OM3, Connectors with Pigtails	FSCS312DLCP	FSCS312DSCP	N/A
24-Fiber, OM3, Connectors with Pigtails	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 50µm OM3 FIBER

DESCRIPTION	LC-TO-LC	SC-TO-SC	ST-TO-ST
Light Industrial F.O. Jumpers, OM3, 2-Fiber, 1 Meter Duplex	D5LC-LC-1MG	D5SC-SC-1MG	D5ST-ST-1MG
Heavy Industrial F.O. Jumpers, OM3, 2-Fiber, 1 Meter, BX Series Round Cable	OCA204046LCLC0001M	OCA216707SCSC0001M	OCA206118STST0001M



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

# MULTI-MODE 50µm OM4 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	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 Indoor/Outdoor with Aluminum Interlocking Armour (ILA), Riser Rated	DX006DALE9QRI2	DX012DALE9QRI2	DX024DALE9QRI2	DX048DALE9QRI2
DX-Series Indoor/Outdoor with Aluminum Interlocking Armor (ILA), PVC, Plenum Rated	DX006TALE9QPI8	DX012TALE9QPI8	DX024TALE9QPI8	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 Rated, 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/Outdoor with Aluminum Interlocking (ILA), PVC, Riser Rated, FOTC, 2.5mm Subunits	BX006DALE9QRI2	BX012DALE9QRI2	BX024DALE9QRI2	N/A
BX Series Indoor I/O with Aluminum Interlocking (ILA), Plenum Rated 2.0mm Subunits	BX006KALE9QPI6	BX012KALE9QPI6	BX024KALE9QPI6	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
GX-Series Indoor/Outdoor, 900µm Buffered Fiber, 12-Fiber Subunits, PVC, Riser Rated	GX048DALE9KR	GX072DALE9KR	GX096DALE9KR	GX144DALE9KR



OCC GX-SERIES CABLE

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

### DIRECT BURIAL CABLES 900µm BUFFERED FIBER

DESCRIPTION	6-FIBER	12-FIBER	24-FIBER	48-FIBER
DX-Series Corrugated Steel Tape Armored (CST), PVC, Riser Rated Inner Cable, Direct Burial	DX006DALE9KAA2	DX012DALE9KAA2	DX024DALE9KAA2	DX048DALE9KAA2
DX-Series Rodent Deterrent (FRP), Riser Rated	DX006DALE9KRF1	DX012DALE9KRF1	DX024DALE9KRF1	DX048DALE9KRF1
DX-Series Fiber in Conduit (FIC), 1 1/4" Orange Inner-duct with DX-Series, PVC, Riser Rated Inner Cable, Direct Burial	DX006DALE90AX2	DX012DALE90AX2	DX024DALE90AX2	DX048DALE90AX2

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



OCC  
DX-SERIES  
CABLE

# 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 Assembly, 12-Strand, OM4, PVC, Riser Rated, 10 Meters	OCA214663LCLC0010M	OCA214664SCSC0010M	OCA214665STST0010M
DX-Series Indoor/Outdoor with (ILA) Assembly, 12-Strand, OM4, Riser Rated, 10 Meters	OCA214666LCLC0010M	OCA214667SCSC0010M	OCA214668STST0010M
BX-Series Indoor/Outdoor Assembly, 12-Strand, OM4, PVC, Riser Rated, 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	MX006AALE9KAG3	MX012AALE9KAG3	MX024AALE9KAG3	MX048AALE9KAG3
RM-Series-Round Messenger (ADSS), 900µm Buffered Fiber	RM006XALE5K	RM012XALE5K	RM024XALE5K	RM048XALE5K
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 SPLICING

DESCRIPTION	LC	SC	ST
Fiber Connector, Pre-Polished, OM4, 250/900µm Boot	RFC-LC5G	RFC-SC5G	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, OM4, 2-Fiber, 1 Meter Duplex	D5LC-LC-1MQ	D5SC-SC-1MQ	D5ST-ST-1MQ
Heavy Industrial F.O. Jumpers, 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	FSCS46SSCP	FSCS46SSTP
12-Fiber, OM4 Connectors with Pigtails	FSCS412DLCP	FSCS412DSCP	N/A
24-Fiber, OM4 Connectors with Pigtails	FSCS424QLCP	N/A	N/A

### ADAPTER PLATES

DESCRIPTION	LC	SC	ST
Adapter Plate, 6-Port, OM4, Ceramic Sleeve	616DLC50Q	616DSC50Q	616MMSTG
Adapter Plate, 12-Port, OM4, Ceramic Sleeve	6112DLC50Q	6112DSC50Q	6112DST50G
Adapter Plate, 24-Port, OM4, Ceramic Sleeve	6124QLC50Q	N/A	N/A



OCC PRE-POLISHED OM4 ADAPTER



OCC FIBER OPTIC JUMPER

# 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 50/125 $\mu$ m or 62.5/125 $\mu$ m 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 Assembly, HC-Cable, PVC, Riser Rated	<b>OCA207146MTMT0010M</b>	<b>OCA214678MTMT0010M</b>	<b>OCA214680MTMT0010M</b>	<b>N/A</b>
12-Fiber Pre-Terminated Assembly, HD-Cable, Plenum Rated	<b>OCA214677MTMT0010M</b>	<b>N/A</b>	<b>OCA204618MTMT0010M</b>	<b>OCA214682MTMT0010M</b>



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 Cassette, MTP-to-LC Connectors	<b>MTCM12LC8</b>	<b>MTCM12LC6</b>	<b>MTCM12LC5G</b>	<b>MTCM12LC5Q</b>
24-Fiber Cassette, MTP-to-LC Connectors	<b>MTCM24LC8</b>	<b>MTCM24LC6</b>	<b>MTCM24LC5G</b>	<b>MTCM24LC5Q</b>
12-Fiber Cassette, MTP-to-ST Connectors	<b>MTCM12ST8</b>	<b>MTCM12ST6</b>	<b>MTCM12ST5G</b>	<b>N/A</b>
12-Fiber Cassette, MTP-to-SC Connectors	<b>MTCM12SC8</b>	<b>MTCM12SC6</b>	<b>MTCM12SC5G</b>	<b>MTCM12SC5Q</b>



OM3 MPO CASSETTE

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



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, Holds up to (4) Adapter Plates, 13"H x 12"W x 3.5"D, Lockable Inner Door	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, Holds (1) Adapter Plate, 9.5"W x 7"H x 1.5"D, Empty	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 up to (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 up to (2) Adapter Plates, Liquid Tight Cable Gland, Black, Empty	DTC2APG



DIN RAIL FIBER ENCLOSURE



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SINGLE-MODE

OM1

OM3 & OM4

MT FIBER  
ASSEMBLIES

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& KITS

TOOLS

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& CONNECTIVITY

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ASSEMBLIES

# FIBER OPTIC ENCLOSURES & KITS



## WALL MOUNT NEMA FIBER ENCLOSURES

DESCRIPTION	OCC PART #
NEMA 4X Enclosure, 12-Port, Holds up to (2) Adapter Plates, 10"H x 8"W x 4"D	OC012NX
NEMA 4X Enclosure, 12-Port, Holds up to (2) Adapter Plates, Includes Patch/Splice Block, 10"H x 8"W x 4"D	OC012NXSB
NEMA 4X Enclosure, 48-Port, Holds up to (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 up to (2) Adapter Plates, 11.5"H x 8.5"W x 3"D	OC012N



NEMA 4X ENCLOSURE  
OC048NX

## SPLICING TRAY KITS

### RACK MOUNT

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

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RACK MOUNT SPICE  
TRAY KIT

# TOOLS



## XPRESS ULTRA TERMINATION KIT

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

## 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)	RFC SOL
Xpress Ultra™ One Click Cleaner 1.25	RFCSC1
Xpress Ultra™ One Click Cleaner 2.50	RFCSC2
Xpress Ultra™ One Click Replacement Cartridge for 1.25 (LC and MU)	RFCRC1
Xpress Ultra™ Replacement Cartridge for 2.50 (SC, FC and ST)	RFCRC2
Xpress Ultra™ One Click Cleaner for MPO Connectors	RFCSCMPO
Xpress Ultra™ Cleaner Mini 1.25	RFCSCM1
Xpress Ultra™ Cleaner Mini 2.50	RFCSCM2

## 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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MT FIBER  
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TOOLS

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ASSEMBLIES

# COPPER CABLE & CONNECTIVITY



## CATEGORY 6

### CABLE

DESCRIPTION	OCC PART #
Category 6 High-Performance Plenum (CMP)	OCC-U64HPLM-xx
Category 6 High-Performance Riser (CMR)	OCC-U64HR-xx
Category 6 Plenum (CMP)	OCC-UE64PLM-xx
Category 6 Riser (CMR)	OCC-UE64R-xx
Category 6 F/UTP Shielded (CMP)	OCC-FTP64PLM-xx
Category 6 F/UTP Shielded (CMR)	OCC-FTP64R-xx
Category 6 OSP	OCC-U640SP

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 UNSHELDED JACKS



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# CATEGORY 6A

## PATCH PANELS

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

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/H0tszTJ0](http://hubs.ly/H0tszTJ0)



## CABLE

DESCRIPTION	OCC PART #
Category 6A UTP CMP Small OD	<b>OCC-U6A4SPLM-xx</b>
Category 6A UTP CMR Small OD	<b>OCC-U6A4SR-xx</b>
Category 6A F/UTP CMP	<b>OCC-FTP6A4PLM-xx</b>
Category 6A F/UTP CMR	<b>OCC-FTP6A4R-xx</b>
Category 6A UTP CMP Indoor/Outdoor, Black	<b>OCC-U6A4PIO</b>

Replace "xx" with color code, see OCC Copper Cable Color Chart for Reference.

Minimum Order Quantities may apply.



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	

## KMJ JACKS & FIELD TERMINABLE PLUGS

DESCRIPTION	OCC PART #
Category 6A Kmj Outlet Jacks, UTP, Unshielded	<b>K6Axx</b>
Category 6A Kmj Outlet Jacks, STP, Shielded	<b>K6ASxx</b>
Category 6A Unshielded Field Terminable Plug	<b>OCCUFP6A</b>
Category 6A Shielded Field Terminable Plug	<b>OCCSFP6A</b>

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

### 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

## PATCH CORDS

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

### 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

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



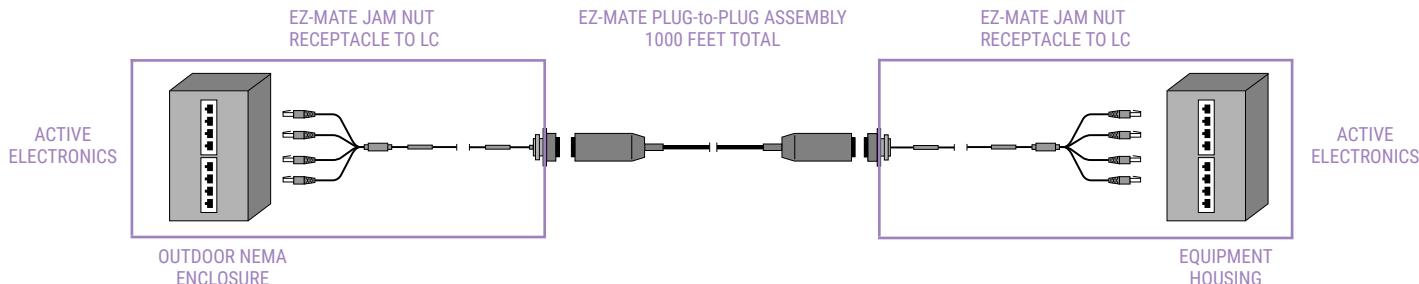
KMJ CATEGORY 6A SHIELDED JACKS

# 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.

# 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 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.



## 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

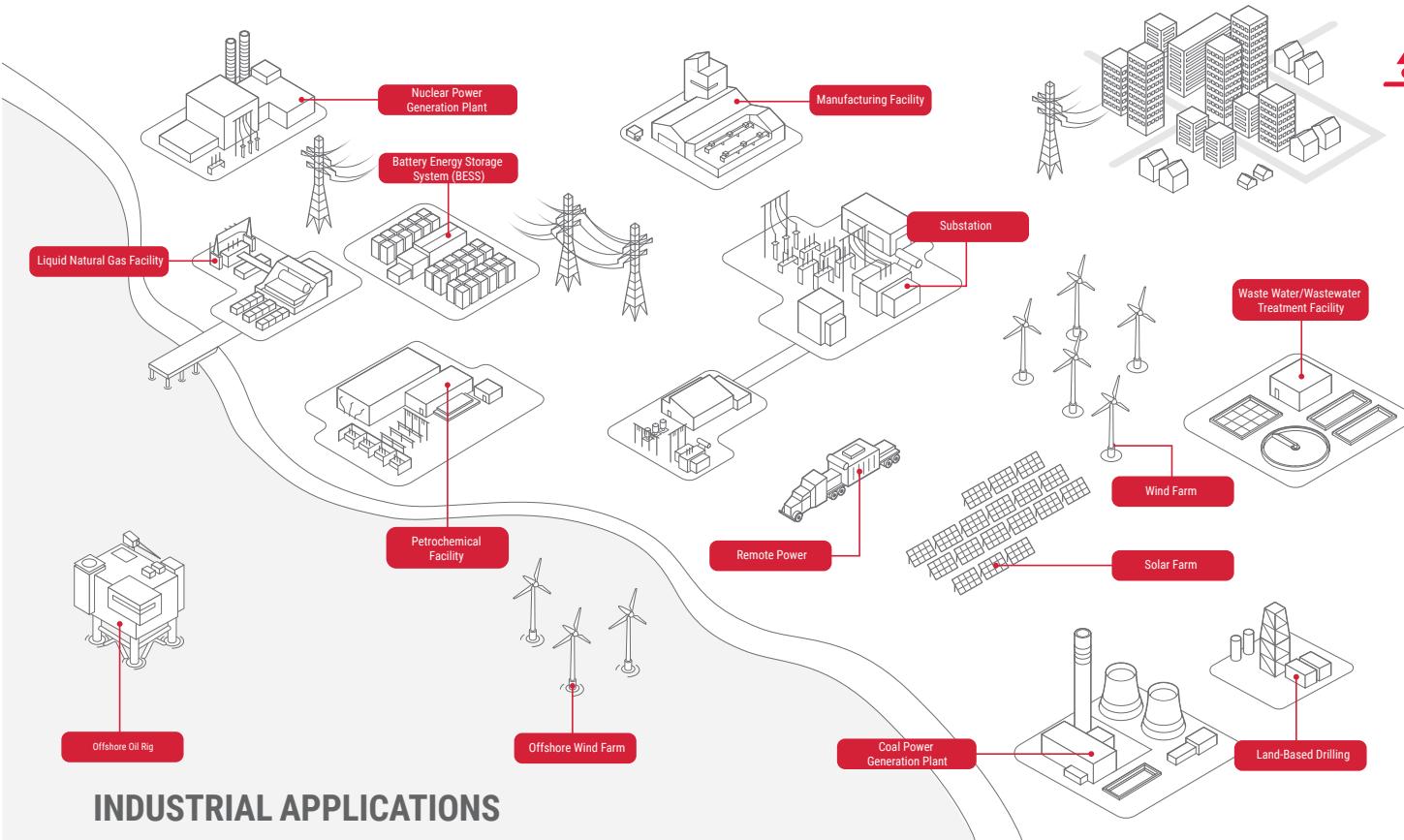
At OCC, we understand reliability is critical to your business. The demands of modern industry require data-comm components that provide both flawless performance and exceptional integrity. We're committed to providing cabling and connectivity solutions that exceed industry standards. Then you can be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

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[INFO@OCCFIBER.COM](mailto:INFO@OCCFIBER.COM)



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