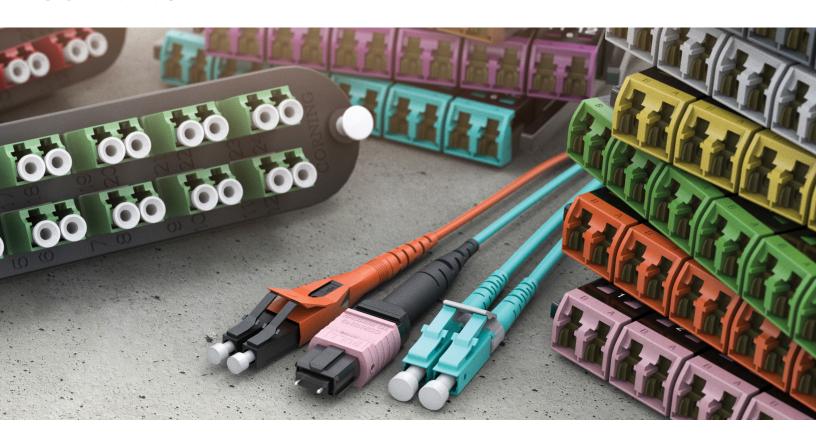
# **CORNING**



# **Secure Solutions EMEA Ordering Guide**

**First Edition** 



# **Security For Your Networks**

## Securing your mission-critical networks

Network security is not optional. When a reliable and secure network is critical, you need a solution that delivers top-notch network security as well as more efficiency, speed, and convenience in identifying networks. Our secure solutions allow for a completely customizable installation — from the data centre throughout the local area network.

With 12 coloured keys available, you can simply and quickly segment the network and prevent inadvertent connection into the wrong network. Our keyed coloured and non-keyed coloured options are available for both pre-terminated and field-terminated LAN and DC applications.

When network security is critical, you can rely on the company that invented low-loss optical fibre and has continued to innovate to solve tough technology challenges.

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**Field-Terminated Non-Keyed Solutions** 



# **How to Buy**

Installers and Distributors

http://www.corning.com/opcomm/emea/npi http://www.corning.com/opcomm/auth/emea/en

Sales Contacts in Your Region

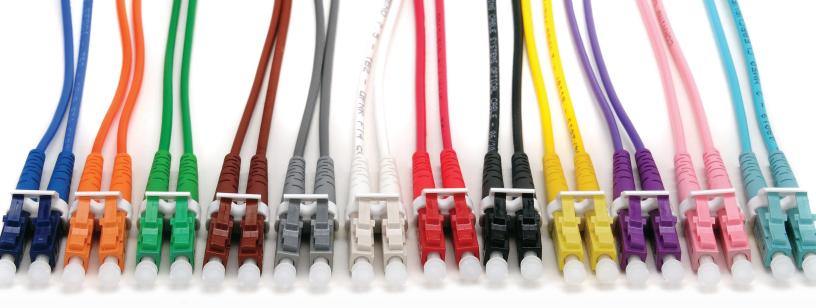
http://corning.com/opcomm/emea/en/sales

Customer Care

cc.emea@corning.com

Order Tracker ordertracker.corning.com/

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We offer network security for any organization looking to mitigate privacy or security concerns. Giving the user 12 colour-coded key options, the keyed LC solution provides added flexibility and easy network identification. Customizable for efficiency, the keys offer decreased margins of error when identifying a network. The keyed connectors, located on the front and back of the patch panel, are used to match access rights to the proper network. Most importantly, the keys cannot be duplicated with standard components, making this one of the most risk-averse product solutions on the market.

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## Cables



Select fibre count.

Standard offerings: 002 006 012 024 004 008 018

Select fibre code.

 $K = 62.5 \mu m \text{ multimode (OM1)}$ 

- $T = 50 \mu m \text{ multimode}$ (OM2/OM3/OM4/OM4+)
- E = Single-mode (OS2) Corning® SMF-28e+® fibre
- Z = Single-mode (OS2) Corning® SMF-28® Ultra fibre
- 3 Defines cable type.

8 = MIC® cable (standard)

4 Defines outer jacket.

Z = single jacket, LSZH™

- 5 Defines fibre placement.
  - 3 = Standard
- 6 Select length markings.
  - 5 = Markings in ft with coloured jacket (fibre count < 12)
  - 6 = Markings in m with coloured jacket (fibre count < 12)
  - $7 = Markings in ft with coloured jacket (fibre count <math>\ge 12$ )
  - 8 = Markings in m with coloured jacket (fibre count ≥ 12)

7 Defines tensile strength.

1 = See specifications

8 Select transmission options.

20 = SMF-28e<sup>®</sup> ULTRA 22 = ClearCurve<sup>®</sup> LBL, ClearCurve 7Bl

38 = ClearCurve OM2

88 = ClearCurve OM3

98 = ClearCurve OM4

Defines cable type.
- = MIC cable (standard)

10 Select CPR and special manufacturing and colour code.\*

2G = Standard, LSZH For special manufacturing and colour code, please see below for selection.



#### \*Colour Codes for Selection 10 Non-Armored

AQ = Aqua BR = Brown GR = Green BK = Black OR = Orange RS = Rose RD = Red SL = Slate  $BL = Blue \ VI = Violet$  WH = White YL = Yellow

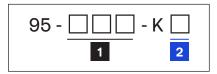
#### Interlocking Armored

 $AA = Aqua \qquad AB = Brown \qquad AG = Green \qquad AK = Black \qquad AO = Orange \qquad AP = Rose \\ AR = Red \qquad AS = Slate \qquad AU = Blue \qquad AV = Violet \qquad AW = White \qquad AY = Yellow$ 

Note: Armored available upon request, please contact your local Corning representative or alternatively Corning Customer Care at 00800-2676-4641 or email cc.emea@corning.com.

## UniCam® LC Connectors

## **LC Keyed Connectors**



1 Select fibre type.

 $000 = 62.5 \, \mu m \, multimode (OM1)$ 

 $050 = 50 \mu \text{m} \text{ multimode (OM2)}$  $05X = 50 \mu \text{m} \text{ multimode}$ 

 $05X = 50 \mu m \text{ multimode}$ (OM3/OM4/OM4+)

200 = Single-mode (OS2)

2 Select connector colour.

N = Blue R = Red E = Orange Y = YellowG = Green B = Black

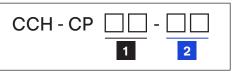
V = Violet

S = Slate



Closet Connector Housing (CCH) | Non-Shuttered LC Adapter Panels

## Keyed to Non-Keyed



#### 1 Select fibre count.

06 = 6-fibre (three duplex adapters) 08 = 8-fibre (four duplex adapters) 12 = 12-fibre (six duplex adapters) 16 = 16-fibre (eight duplex adapters) 24 = 24-fibre (12 duplex adapters)

#### 2 Select LC adapter colour.

 LE = Blue
 LA = Red

 LH = Orange
 LF = Black

 LB = Green
 LD = Yellow

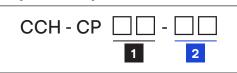
 LL = Brown
 LK = Violet

 LG = Slate
 LN = Rose

 LM = White
 LP = Aqua



## Keyed to Keyed



#### 1 Select fibre count.

06 = 6-fibre (three duplex adapters) 08 = 8-fibre (four duplex adapters) 12 = 12-fibre (six duplex adapters) 16 = 16-fibre (eight duplex adapters) 24 = 24-fibre (12 duplex adapters)

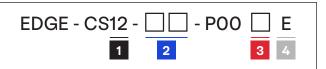
#### 2 Select LC adapter colour.

Select LC adap	itei coloui.
K1 = Blue	K5 = Red
KH = Orange	KK = Black
KD = Green	K9 = Yellow
KN = Brown	KM = Violet
KL = Slate	KQ = Rose
KP = White	KR = Aqua



# EDGE<sup>™</sup> Solutions | Non-Shuttered LC Splice Cassette

## Keyed to Non-Keyed



Fibre count. 12 = 12-fibre

AS = White

- 2 Select LC adapter colour.

  AG = Blue AH = Red

  AM = Orange AN = Black

  AK = Green AJ = Yellow

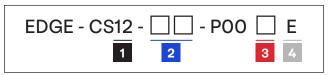
  AQ = Brown AV = Violet

  AP = Slate AT = Rose
- 3 Fibre type.

 $Q = 50 \mu m$  multimode (OM4)  $T = 50 \mu m$  multimode (OM3) R = Single-mode (OS2)

**Splicing type.** E = Single-fibre splicing

## **Keyed to Keyed**



- **1 Fibre count.** 12 = 12-fibre
- 2 Select LC adapter colour.

3 Fibre type.

Q = 50 μm multimode (OM4) T= 50 μm multimode (OM3) R = Single-mode (OS2)

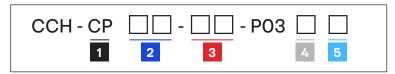
4 Splicing type.
E = Single-fibre splicing



AR = Aqua

Closet Connector Housing (CCH) | Non-Shuttered LC Pigtailed Adapter Panels

## **Keyed to Non-Keyed**



## Select module or panel.

CP = Panel

#### Select fibre count.

06 = 6-fibre

08 = 8-fibre 12 = 12-fibre

16 = 16-fibre 24 = 24-fibre Select LC adapter style/colour. LE = Blue LA = Red

LH = Orange

I F = Black LD = Yellow LB = Green LL = Brown LK = Violet

LG = Slate LN = Rose

LM = White LP = Aqua

#### Select fibre type.

K = 62.5 µm multimode (OM1)

 $C = 50 \mu m \text{ multimode (OM2)}$ 

S = 50 µm multimode (OM4)

R = Single-mode Corning® SMF-28e+® (OS2)

#### Select cable type.

H = MIC® cable subunit (standard fibre cable option)

J = Ribbon fibre



## **Keyed to Keyed**



## Select module or panel.

CP = Panel

#### Select fibre count.

06 = 6-fibre

08 = 8-fibre

12 = 12-fibre

16 = 16-fibre

24 = 24-fibre

#### Select LC adapter style/colour.

K1 = BlueK5 = Red

KH = Orange KK = Black

KD = Green K9 = Yellow

KN = BrownKM = Violet

KL = SlateKQ = Rose

KP = WhiteKR = Aqua

#### Select fibre type.

K = 62.5 um multimode (OM1)

 $C = 50 \mu m \text{ multimode (OM2)}$ 

 $S = 50 \mu m \text{ multimode (OM4)}$ 

R = Single-mode SMF-28e+ (OS2)

#### Select cable type.

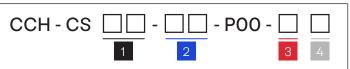
H = MIC cable subunit

(standard fibre cable option)

J = Ribbon fibre

Closet Connector Housing (CCH) | Non-Shuttered LC Pigtailed Splice Cassettes

## Keyed to Non-Keyed



- 1 Select fibre count.
  - 06 = 6-fibre
  - 08 = 8-fibre 12 = 12-fibre
  - 12 12-11016
  - 16 = 16-fibre
  - 24 = 24-fibre
- 2 Select LC adapter style/colour.

LE = Blue	LA = Red
LH = Orange	LF = Black
LB = Green	LD = Yellow
LL = Brown	LK = Violet
LG = Slate	LN = Rose
LM = White	LP = Aqua

- 3 Select fibre type.
  - K = 62.5 µm multimode (OM1) B = 50 µm multimode (OM2) T = 50 µm multimode (OM3) Q = 50 µm multimode (OM4)
  - R = Single-mode (OS2)
- 4 Select splicing type.
  - E = Single-fibre splicing J = Ribbon splicing (only for fibre counts of 12 or 24)

- Select fibre count.
  - 06 = 6-fibre 08 = 8-fibre 12 = 12-fibre 16 = 16-fibre
  - 16 = 16-fibre 24 = 24-fibre
- 2 Select LC adapter style/colour.

K1 = Blue	K5 = Red
KH = Orange	KK = Black
KD = Green	K9 = Yellow
KN = Brown	KM = Violet
KL = Slate	KQ = Rose
KP = White	KR = Aqua

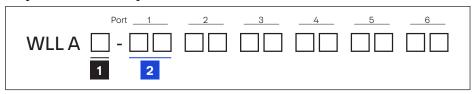
- 3 Select fibre type.
  - $K = 62.5 \mu m \text{ multimode (OM1)}$  $B = 50 \mu m \text{ multimode (OM2)}$
  - $T = 50 \mu m \text{ multimode (OM3)}$
  - Q = 50 μm multimode (OM4) R = Single-mode (OS2)
- 4 Select splicing type.
  - E = Single-fibre splicing J = Ribbon splicing (only for fibre counts of 12 or 24)





Wall-Plate Outlets (WLL) Single-Gang | Non-Shuttered, Loaded LC Adapters

## **Keyed to Non-Keyed**



# 1 Select number of ports and orientation.

A = 1, straight M = 1, angled B = 2, straight N = 2, angled C = 3, straight P = 4, angled

D = 4, straight E = 6, straight

#### 2 Select LC adapter style/colour.

 LE = Blue
 LA = Red

 LH = Orange
 LF = Black

 LB = Green
 LD = Yellow

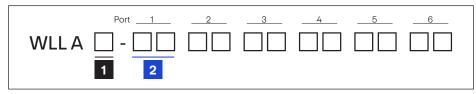
 LL = Brown
 LK = Violet

 LG = Slate
 LN = Rose

 LM = White
 LP = Aqua



## Keyed to Keyed



# 1 Select number of ports and orientation.

A = 1, straight M = 1, angled B = 2, straight N = 2, angled

C = 3, straight P = 4, angled

D = 4, straight E = 6, straight

#### 2 Select LC adapter style/colour.

 K1 = Blue
 K5 = Red

 KH = Orange
 KK = Black

 KD = Green
 K9 = Yellow

 KN = Brown
 KM = Violet

 KL = Slate
 KQ = Rose

 KP = White
 KR = Aqua

# Adapter Compatibility Matrix

	Housing Type		
	Wall-Plate Outlets (WLL)	Closet Connector Housing (CCH) LC Adapter Panels	
Adapter Type			
Keystone with Adapter	Compatible	Not Compatible	
Adapters	Not Compatible	Not Compatible	

Wall-Plate Outlets (WLL)

## Single-Gang Wall-Plate – White



# 1 Select number of ports and orientation.

A = 1, straight M = 1, angled B = 2, straight N = 2, angled C = 3, straight P = 4, angled

D = 4, straight E = 6, straight

Note: Individual (non-loaded) wall-plates ship with blanks for half of the available ports, e.g., a four-port wall-plate will ship with two blanks



Note: Order keystone adapters separately. Refer to Adapter Compatibility Matrix on page 13 for compatibility guidance.

Note: Adapter not included.

## Double-Gang Wall-Plate - White

WLL - PL - B \_\_\_\_

1 Select number of ports and orientation.

G = 12, straight Q = 8, angled

Wall-Plate Outlets (WLL) | Non-Shuttered, LC Keystone Adapters

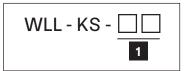
## Keyed to Keyed



#### 1 Select LC adapter colour.

K1 = Blue	K5 = Red
KH = Orange	KK = Black
KD = Green	K9 = Yellow
KN = Brown	KM = Violet
KL = Slate	KQ = Rose
KP = White	KR = Aqua
00 = Blank	

## Keyed to Non-Keyed



#### 1 Select LC adapter colour.

LE = Blue	LA = Red
LH = Orange	LF = Black
LB = Green	LD = Yellow
LL = Brown	LK = Violet
LG = Slate	LN = Rose
LM = White	LP = Aqua
00 = Blank	



Note: Refer to Adapter Compatibility Matrix on page 13 for compatibility guidance.

## Non-Shuttered LC Duplex Adapters

## **Keyed to Keyed**

ADP-KDLC-CC RF-CLS

#### 1 Select adapter colour.

 $\begin{array}{lll} N = \text{Blue} & R = \text{Red} \\ E = \text{Orange} & B = \text{Black} \\ G = \text{Green} & Y = \text{Yellow} \\ K = \text{Brown} & V = \text{Violet} \\ S = \text{Slate} & P = \text{Rose} \\ W = \text{White} & A = \text{Aqua} \end{array}$ 

## **Keyed to Non-Keyed**

ADP-KDLC-CC RF-CLX

#### 1 Select adapter colour.

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

Note: These adapters are not compatible with WLL wall-plates.



Note: Refer to Adapter Compatibility Matrix on page 13 for compatibility guidance.



Note: Refer to Adapter Compatibility Matrix on page 13 for compatibility guidance.



Our EDGE8® and EDGE™ solutions have become an integral part of the secure environment. Providing the user 12 colour-coded options for networks, the MTP® and LC solutions provide added flexibility and identification of networks.

Now available with select EDGE/EDGE8 Pre-terminated Non-Keyed Solutions!



Corning takes care of the cleaning process for you!

As a leader in optical fibre and connectivity, Corning understands the value of clean connectors. That's why we developed a new factory cleaning and sealing process, Corning® CleanAdvantage™ technology, ensuring a pristine end face upon first use for all our EDGE™ and EDGE8® solutions. So, go ahead and uncap that CleanAdvantage connector and connect with confidence.



## Save up to 17% install time

No need for cleaning or visual inspection before the first install.



## Save up to 95% on consumables

No cleaning pens, cassettes, and wipes necessary.



### Minimises debris transfer

Reduces the risk of debris transfer on the end face, minimises signal degradation.



## Standardized offering

High density paired with high performance at no extra cost.

Learn more at www.corning.com/cleanadvantage

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# EDGE8® Solutions | MTP® Trunks



1 Select grip.

G = Grip one end Z = No grip

2 Select MTP® connector.

E5 = MTP 8-fibre (pinned), multimode

- E7 = MTP 8-fibre (pinned), single-mode
- 3 Select MTP connector.

E5 = MTP 8-fibre (pinned), multimode

E7 = MTP 8-fibre (pinned), single-mode

Select MTP connector colour.
(Colour applies to both ends)

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

A = Aqua

W = White

5 Select fibre count.

24 = 24-fibre 72 = 72-fibre

6 Select fibre type.

 $T = 50 \mu m$  multimode (OM3)  $Q = 50 \mu m$  multimode (OM4) G = Single-mode Ultra (OS2)

7 Select cable type.

Z = LSZH™ CPR B2ca rated

8 Select jacket colour.

N = Blue R = Red Y = Yellow A = Aqua(single mode) (multimode) G = Green

Defines leg length.

D = 840 mm legs

Note: Furcation legs are colour coded by fibre type

O Defines leg length.

D = 840 mm legs

Note: Furcation legs are colour coded by fibre type

11 Select wiring/polarity.

U = Universal P = Straight-through

12 Select cable length.

002-300 m

(1-m increments measured from furcation plug to furcation plug)

Note: Longer lengths available upon request

13 Select unit of measure.

M = Metres

14 Defines suffix.

S = Secure



# EDGE8® Solutions | MTP® Extender Trunks



1 Select grip.

G = Grip one end Z = No grip

2 Select MTP® connector.

E5 = MTP 8-fibre (pinned), multimode E7 = MTP 8-fibre (pinned), single-mode

3 Select MTP connector.

E6 = MTP 8-fibre (non-pinned), multimode

E8 = MTP 8-fibre (non-pinned), single-mode

4 Select MTP connector colour.

 (Colour applies to both ends)

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

5 Select fibre count.

24 = 24-fibre 72 = 72-fibre

6 Select fibre type.

 $T = 50 \mu m$  multimode (OM3)  $Q = 50 \mu m$  multimode (OM4) G = Single-mode Ultra (OS2)

7 Select cable type.

Z = LSZH™ CPR B2ca rated

8 Select jacket colour.

N = Blue R = Red Y = Yellow A = Aqua(single mode) (multimode) G = Green

9 **Defines leg length.** D = 840 mm legs O Defines leg length.

C = 1500 mm

Note: Furcation legs are colour coded by fibre type

11 Defines wiring/polarity.

X = Extender trunk (straight-through)

12 Select cable length.

002-300 m (1-m increments measured from furcation plug to furcation plug)

Note: Longer lengths available upon request

13 Select unit of measure.

M = Metres



# EDGE8® Solutions | MTP® Hybrid Trunks



Select grip.

G = Grip one end Z = No grip

Select MTP® connector.

E5 = MTP 8-fibre (pinned), multimode

E7 = MTP 8-fibre (pinned), single-mode

Select LC connector.

79 = LC uniboot, multimode 78 = LC uniboot, single-mode

Select MTP and LC connector colour.

(Colour applies to both ends)

R = RedN = BlueB = BlackE = Orange G = Green Y = YellowV = VioletK = BrownS = SlateP = RoseW = WhiteA = Aaua

Select fibre count.

24 = 24-fibre 72 = 72-fibre

Select fibre type.

 $T = 50 \mu m \text{ multimode (OM3)}$  $Q = 50 \mu m \text{ multimode (OM4)}$ G = Single-mode Ultra (OS2)

Select cable type.

Z = LSZH™ CPR B2ca rated

Select jacket colour.

N = BlueR = RedY = YellowA = Agua(multimode) (single mode) G = Green

Defines leg length.

D = 840 mm legs

Note: Furcation legs are colour coded by fibre type

Select leg length.

 $K = 600 \, \text{mm}$ I = 1000 mmM = 1200 mm $N = 1500 \, \text{mm}$ P = 1800 mm

Note: Furcation legs are colour coded by fibre type

Defines wiring/polarity.

W = Universal hybrid

Select cable length.

002-300 m (1-m increments measured from furcation plug to furcation plug)

Note: Longer lengths available upon request

Select unit of measure.

M = Metres

Defines suffix.

S = Secure



# EDGE8® Solutions | MTP® Hybrid Extender Trunks



1 Select grip.

G = Grip one end Z = No grip

2 Select MTP® connector.

E6 = MTP 8-fibre (non-pinned), multimode

E8 = MTP 8-fibre (non-pinned), single-mode

3 Select LC connector.

79 = LC uniboot, multimode 78 = LC uniboot, single-mode

4 Select MTP and LC connector colour.

(Colour applies to both ends)

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

5 Select fibre count.

24 = 24-fibre 72 = 72-fibre

6 Select fibre type.

 $T = 50 \mu m$  multimode (OM3)  $Q = 50 \mu m$  multimode (OM4) G = Single-mode Ultra (OS2)

7 Select cable type.

 $Z = LSZH^{TM} CPR B2ca rated$ 

8 Select jacket colour.

 $\begin{array}{ll} N = Blue & R = Red \\ Y = Yellow & A = Aqua \\ (single mode) & (multimode) \\ G = Green \end{array}$ 

Defines leg length.

C = 1500 mm legs

Note: Furcation legs are colour coded by fibre type

O Select leg length.

K = 600 mm

L = 1000 mmM = 1200 mm

N = 1500 mm

P = 1800 mm

Note: Furcation legs are colour coded by fibre type

11 Defines wiring/polarity.

Z = Hybrid extender

12 Select cable length.

002-300 m

(1-m increments measured from furcation plug to furcation plug)

Note: Longer lengths available upon request

13 Select unit of measure.

M = Metres

14 Defines suffix.

S = Secure



# EDGE8® Solutions | MTP® to LC Harness



- 1 Select MTP® connector.
  - E5 = MTP 8-fibre (pinned), multimode
  - E7 = MTP 8-fibre (pinned), single-mode
  - E6 = MTP 8-fibre (non-pinned), multimode
  - E8 = MTP 8-fibre (non-pinned), single-mode
- 2 Select LC connector.
  - 79 = LC uniboot, multimode 78 = LC uniboot, single-mode
- 3 Select MTP and LC connector colour. (Colour applies to both ends)

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

Defines fibre count.

08 = 8-fibre

5 Select fibre type.

- $T = 50 \mu m$  multimode (OM3)  $Q = 50 \mu m$  multimode (OM4)
- G = Single-mode Ultra (OS2)
- 6 Select cable type.

  7 = I SZH™
- 7 Select jacket colour.

N = Blue R = Red Y = Yellow A = Aqua(single mode) (multimode) G = Green 8 Select leg length.

J = 300 mm K = 600 mm L = 1000 mm M = 1200 mm

N = N 1500 mm

P = 1800 mm

Note: Furcation legs are colour coded by fibre type

Select wiring/polarity.

A = Type AB = Type B

10 Select cable length.

001-060 m

(1-m increments measured from MTP to furcation plug and does not include leg length) 11 Select unit of measure.

M = Metres



# EDGE8® Solutions | MTP® to Shuttered LC Duplex Modules

ECM8 - M08 - D D D - ULL 3 4 5 6 7

1 Select wiring/polarity.

U = UniversalR = Straight-through

- 2 Defines fibre count. 08 = 8-fibre
- 3 Select LC connector. 05 = LC duplex, multimode 04 = LC duplex, single-mode

A Select LC connector colour.

 $\begin{array}{lll} N = \text{Blue} & R = \text{Red} \\ E = \text{Orange} & B = \text{Black} \\ G = \text{Green} & Y = \text{Yellow} \\ K = \text{Brown} & V = \text{Violet} \\ S = \text{Slate} & P = \text{Rose} \\ W = \text{White} & A = \text{Aqua} \end{array}$ 

Select MTP® connector.

single-mode

E6 = MTP 8-fibre (non-pinned) multimode E8 = MTP 8-fibre (non-pinned) 6 Select MTP connector colour.

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

7 Select fibre type.

Q = 50 μm multimode (OM4) G = Single-mode Ultra (OS2)



Note: Custom configurations with multiple LC adapter colours can be available upon request. Please contact Customer Care for these configurations.

# EDGE8® Solutions | MTP® to Shuttered LC Port Breakout Modules

#### 1 Select LC connector.

05 = LC duplex, single-mode 04 = LC duplex, multimode

#### 2 Select LC connector colour.

 $\begin{array}{lll} N = \text{Blue} & R = \text{Red} \\ E = \text{Orange} & B = \text{Black} \\ G = \text{Green} & Y = \text{Yellow} \\ K = \text{Brown} & V = \text{Violet} \\ S = \text{Slate} & P = \text{Rose} \\ W = \text{White} & A = \text{Aqua} \end{array}$ 

#### 3 Select MTP® connector.

E6 = MTP, 8-fibre (non-pinned), multimode

E8 = MTP, 8-fibre (non-pinned), single-mode

#### 4 Select MTP connector colour.

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

#### 5 Select fibre type.

 $Q = 50 \mu m \text{ multimode (OM4)}$ G = Single-mode Ultra (OS2)

#### 6 Select cable type.

 $Z = LSZH^{\mathsf{TM}}$ 

#### 7 Select jacket colour.

N = Blue R = Red Y = Yellow A = Aqua (single mode) (multimode) G = Green

## 8 Select polarity.

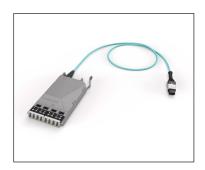
B = Type B

#### Select cable length.

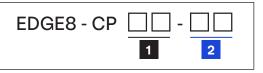
001-025 m (1-m increments measured from MTP to back of module)

#### O Select unit of measure.

M = Metres



EDGE8® Solutions | Shuttered Reverse Polarity MTP® Adapter Panels\*



#### 1 Select fibre count.

08 = 8-fibre

16 = 16-fibre

24 = 24-fibre

32 = 32-fibre

#### 2 Select MTP® adapter colour.

V6 = Blue

V9 = Orange

V4 = Green

VB = Brown

V7 = Slate

VC = White

V2 = Red

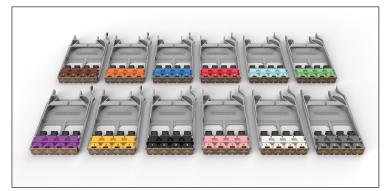
V1 = Black

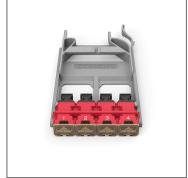
VE = Yellow

V8 = Violet

VF = Rose

V3 = Aqua







\*Not available with Corning® CleanAdvantage™ Technology at this time.

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## EDGE™ 4x4 Mesh Modules\*

The multiclassification mesh solution addresses the complexities associated with deploying secure communications cabling to the workstation. It utilises the innovative mesh module to consolidate multiple disparate security enclave cables into one cable which can be run to a workstation while maintaining network and classification separation. The 32-fibre mesh module takes 2 fibres from four specified network classification input trunk cables and transitions them to one output trunk cable. This output trunk cable the distributes the four specified networks to end users.





Part Number	Adapter Type Front	Adapter Colour Front	Adapter Type Back	Fibre Category
EMM-MM32-9393Q	Shuttered MTP® (pinned)	Aqua	MTP (Pinned)	50 µm Multimode (OM4)
EMM-MM32-9375Q	Shuttered MTP (pinned)	Aqua	MTP (Non-pinned)	50 µm Multimode (OM4)
EMM-SM32-8989G	Shuttered MTP (pinned)	Black	MTP (Pinned)	Single-mode (OS2)
EMM-SM32-8990G	Shuttered MTP (pinned)	Black	MTP (Non-pinned)	Single-mode (OS2)

<sup>\*</sup>Not available with Corning® CleanAdvantage™ Technology at this time.

# EDGE8® Solutions | Shuttered LC Adapter Panels\*



#### 1 Select LC adapter colour.

AE = Blue	DC = Red
DH = Orange	AC = Black
AF = Green	DD = Yellow
DE = Brown	DJ = Violet
DF = Slate	DK = Rose
DG = White	AD = Aqua



\*Not available with Corning® CleanAdvantage™ Technology at this time.

# EDGE8® Solutions | MTP® Jumpers



- 1 Select MTP® connector.
  - E5 = MTP 8-fibre (pinned), multimode
  - E7 = MTP 8-fibre (pinned), single-mode
  - E6 = MTP 8-fibre (non-pinned), multimode
  - E8 = MTP 8-fibre (non-pinned), single-mode
- 2 Select MTP connector.
  - E5 = MTP 8-fibre (pinned), multimode
  - E7 = MTP 8-fibre (pinned), single-mode
  - E6 = MTP 8-fibre (non-pinned), multimode
  - E8 = MTP 8-fibre (non-pinned), single-mode

- 3 Select MTP connector colour.
  - (Colour applies to both ends)

     N = Blue
     R = Red

     E = Orange
     B = Black

     G = Green
     Y = Yellow

     K = Brown
     V = Violet
  - S = Slate P = RoseW = White A = Aqua
- **Defines fibre count.**08 = 8-fibre
- 5 Select fibre type.
  - $T = 50 \mu m \text{ multimode (OM3)}$  $Q = 50 \mu m \text{ multimode (OM4)}$
  - G = Single-mode Ultra (OS2)
- 6 Defines cable type.
  - Z = LSZH™

- 7 Select jacket colour.
  - N = Blue R = Red Y = Yellow A = Aqua(single mode) (multimode) G = Green
- 8 Defines furcation length.
  - N = No furcation
- 9 Select wiring/polarity.
  - A = TIA-568 Type-A (straight-through)
  - B = TIA-568 Type-B(MTP flip)

- 10 Select cable length.
  - 001-060 m (measured in 1-m increments)
- Select unit of measure.

  M = Metres
- 12 Defines suffix.
  - S = Secure

# EDGE<sup>™</sup> Solutions | MTP<sup>®</sup> Trunks



1 Select grip.

G = Grip one end Z = No grip

2 Select MTP® connector.

75 = MTP12-fibre (non-pinned), multimode

- 90 = MTP12-fibre (non-pinned), single-mode
- 3 Select MTP connector.

75 = MTP 12-fibre (non-pinned), multimode

90 = MTP12-fibre (non-pinned), single-mode

4 Select MTP connector colour.

(Colour applies to both ends) N = Blue R = RedE = Orange B = Black

G = Green Y = Yellow K = Brown V = VioletS = Slate P = Rose

A = Aqua

W = White

5 Select fibre count.

24 = 24-fibre 72 = 72-fibre

6 Select fibre type.

T = 50 μm multimode (OM3) Q = 50 μm multimode (OM4) G = Single-mode Ultra (OS2)

7 Select cable type.

Z = LSZH™ CPR B2ca rated

8 Select jacket colour.

 $\begin{array}{ll} N = Blue & R = Red \\ Y = Yellow & A = Aqua \\ (single mode) & (multimode) \\ G = Green \end{array}$ 

Defines leg length.

D = 840 mm legs

Note: Furcation legs are colour coded by fibre type

O Defines leg length.

D = 840 mm legs

Note: Furcation legs are colour coded by fibre type

11 Select wiring/polarity.

U = Universal P = Straight-through

12 Select cable length.

002-300 m

(1-m increments measured from furcation plug to furcation plug)

Note: Longer lengths available upon request

13 Select unit of measure.

M = Metres



# EDGE<sup>™</sup> Solutions | MTP<sup>®</sup> Extender Trunks



1 Select grip.

G = Grip one end Z = No grip

2 Select MTP® connector.

93 = MTP 12-fibre (pinned), multimode 89 = MTP 12-fibre (pinned), single-mode

3 Select MTP connector.

75 = MTP12-fibre (non-pinned), multimode

90 = MTP 12-fibre (non-pinned), single-mode

4 Select MTP connector colour.

 (Colour applies to both ends)

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

5 Select fibre count.

24 = 24-fibre 72 = 72-fibre

6 Select fibre type.

T = 50 μm multimode (OM3) Q = 50 μm multimode (OM4) G = Single-mode Ultra (OS2)

7 Select cable type.

Z = LSZH™ CPR B2ca rated

8 Select jacket colour.

N = Blue R = Red Y = Yellow A = Aqua(single mode) (multimode) G = Green

Defines leg length.C = 1500 mm legs

10 Defines leg length.

D = 840 mm legs

Note: Furcation legs are colour coded by fibre type

11 Defines wiring/polarity.

X = Extender trunk (straight-through)

12 Select cable length.

002-300 m (1-m increments measured from furcation plug to furcation plug)

Note: Longer lengths available upon request

13 Select unit of measure.

M = Metres



# EDGE<sup>™</sup> Solutions | MTP<sup>®</sup> Hybrid Trunks



1 Select grip.

G = Grip one endZ = No grip

- 2 Select MTP® connector.
  - 75 = MTP 12-fibre (non-pinned), multimode
  - 90 = MTP 12-fibre (non-pinned), single-mode
- 3 Select LC connector.

79 = LC uniboot, multimode 78 = LC uniboot, single-mode

4 Select MTP and LC connector colour.

(Colour applies to both ends)

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

Select fibre count.

24 = 24-fibre 72 = 72-fibre

Select fibre type.

T = 50 μm multimode (OM3) Q = 50 μm multimode (OM4) G = Single-mode Ultra (OS2)

7 Select cable type.

Z = LSZH™ CPR B2ca rated

8 Select jacket colour.

N = Blue R = Red Y = Yellow A = Aqua(single mode) (multimode) G = Green

Defines MTP leg length.

D = 840 mm legs

Note: Furcation legs are colour coded by fibre type

Select LC leg length.

K = 600 mm legs

L = 1000 mm legs M = 1200 mm legs N = 1500 mm legs P = 1800 mm legs

Note: Furcation legs are colour coded by fibre type

- 11 Defines wiring/polarity.
  W = Universal hybrid
- 12 Select cable length.
  002-300 m
  (1-m increments measured from

furcation plug to furcation plug)

Note: Longer lengths available upon

Select unit of measure.

M = Metres

\_\_\_\_\_



# EDGE<sup>™</sup> Solutions | MTP<sup>®</sup> Hybrid Extender Trunks



1 Select grip.

G = Grip one endZ = No grip

2 Select MTP® connector.

93 = MTP12-fibre (pinned), multimode

- 89 = MTP12-fibre (pinned), single-mode
- 3 Select LC connector.

79 = LC uniboot, multimode 78 = LC uniboot, single-mode

4 Select MTP and LC connector colour.

(Colour applies to both ends)

N = Blue R = Red
E = Orange B = Black
G = Green Y = Yellow
K = Brown V = Violet

S = Slate P = RoseW = White A = Aqua Select fibre count.

24 = 24-fibre 72 = 72-fibre

6 Select fibre type.

 $T = 50 \mu m$  multimode (OM3)  $Q = 50 \mu m$  multimode (OM4)

- G = Single-mode Ultra (OS2)
- 7 Select cable type.
  Z = LSZH™ CPR B2ca rated.
- 8 Select jacket colour.

N = Blue R = Red Y = Yellow A = Aqua(single mode) (multimode) G = Green

Defines MTP leg length.

C = 1500 mm legs

Note: Furcation legs are colour coded by fibre type

Select LC leg length.

K = 600 mm legs L = 1000 mm legs M = 1200 mm legs N = 1500 mm legs

P = 1800 mm legs

Note: Furcation legs are colour coded by fibre type

11 Defines wiring/polarity.

Z = Hybrid extender

12 Select cable length.

002-300 m (1-m increments measured from

(1-m increments measured from furcation plug to furcation plug)

Note: Longer lengths available upon request

13 Select unit of measure.

M = Metres



# EDGE<sup>™</sup> Solutions | MTP<sup>®</sup> to LC Harness



- 1 Select MTP® connector.
  - 93 = MTP 12-fibre (pinned), multimode
  - 75 = MTP 12-fibre (non-pinned), multimode
  - 89 = MTP12-fibre (pinned), single-mode
  - 90 = MTP 12-fibre (non-pinned), single-mode
- 2 Select LC connector.

79 = LC uniboot, multimode 78 = LC uniboot, single-mode

3 Select MTP and LC connector colour.

(Colour applies to both ends)

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

Defines fibre count.

12 = 12-fibre

5 Select fibre type.

 $T = 50 \mu m$  multimode (OM3)  $Q = 50 \mu m$  multimode (OM4) G = Single-mode Ultra (OS2)

6 Select cable type.

 $Z = LSZH^{\mathsf{TM}}$ 

7 Select jacket colour.

N = Blue R = Red Y = Yellow A = Aqua(single mode) (multimode) G = Green 8 Select leg length.

J = 300 mm legs K = 600 mm legs L = 1000 mm legs M = 1200 mm legs N = 1500 mm legs

P = 1800 mm legs

Note: Furcation legs are colour coded by fibre type

Select wiring/polarity.

A = Type AB = Type B

Select cable length.

001-060 m

(1-m increments measured from MTP to furcation plug and does not include leg length) 11 Select unit of measure.

M = Metres



## LC to LC Trunks\*



#### 1 Select grip.

C = No pulling grip

A = Pulling grip on one end (packaged outside reel)

B = Pulling grips on both ends (first packaged outside reel, second packaged inside real)

#### 2 Select connector on first end.

(packaged outside reel) Single-mode

00 = Pigtail\*

02 = LC Simplex UPC

04 = LC Duplex UPC

18 = LC Duplex APC

22 = LC Simplex APC

44 = SC Simplex APC

58 = SC Simplex UPC 66 = SC Duplex APC

72 = SC Duplex UPC

78 = LC Duplex Uniboot UPC \*\*LZB

80 = LC Duplex Uniboot APC \*\*LZB

Multimode

00 = Pigtail\*

03 = LC Simplex

05 = LC Duplex

39 = SC Simplex

57 = SC Duplex

79 = LC Duplex Uniboot \*\*LZB

#### 3 Select connector on second end.

(packaged inside reel) See selection under 2.

#### 4 Select fibre count.

04 = 4 fibres \*\*\*8ZD and 6ZD

08 = 8 fibres \*\*\*8ZD and 6ZD 12 = 12 fibres \*\*\*8ZD and 6ZD

24 = 24 fibres LZB

72 = 72 fibres LZB

#### 5 Select fibre type.

 $T = 50 \mu m Multimode (OM3)$ 

 $Q = 50 \mu m Multimode (OM4)$ 

G = Single-mode Ultra (OS2)

#### 6 Defines cable type.

LZB = B2 MIC 250 Indoor cable

8ZD = Dca Indoor tight-buffered cable (mini-breakout) i-MIC (900um only)

6ZD = Dca Indoor tight-buffered cable (2.0 mm only)

#### 7 Select leg length on first end.

0 = Pigtail\*

 $J = 300 \, \text{mm}$ 

 $C = 400 \, \mu m$ 

U = 500 mm

K = 600 mmW = 700 mm

D = 800 mm

I= 900 mm

L = 1,000 mm

M = 1,200 mm

B = 1,500 mm P = 1.800 mm

O = 2.000 mm

#### 8 Select leg OD on first end.

0 = Pigtail\*

A = 2.0 mm $B = 900 \mu \text{m}$ 

## Select leg length on second end.

See selection under 7.

#### 10 Select leg OD on second end.

See selection under 8.

#### 11 Select polarity.

C = Classic (Type-B)

P = Straight-through (Type-A)

#### 12 Select cable length in m.

003-200 M

Assembly length is measured from furcation point to furcation point. (+1/-0 m)

#### 13 Select jacket colour.

YL = Yellow GR = Green OR = Orange RD = Red

BL = Blue

\* Pigtail available on straight polarity only.

<sup>\*\*</sup>Only available with the cable code LZB

<sup>\*\*\*4,8</sup> and 12F only available in 8ZD with 900um leg OD and 6ZD with 2.0mm leg OD.

# EDGE<sup>™</sup> Solutions | MTP<sup>®</sup> to Shuttered LC Duplex Modules



1 Select wiring/polarity.

U = UniversalR = Straight-through

- **Defines fibre count.** 12 = 12-fibre
- 3 Select LC connector.

05 = LC duplex, multimode 04 = LC duplex, single-mode 4 Select LC connector colour.

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

5 Select MTP® connector.

93 = MTP, 12-fibre (pinned), multimode 89 = MTP, 12-fibre (pinned),

single-mode

6 Select MTP connector colour.

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

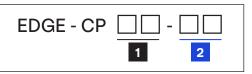
7 Select fibre type.

T = 50 μm multimode (OM3) Q = 50 μm multimode (OM4) G = Single-mode, Ultra (OS2)



# EDGE<sup>™</sup> Solutions | MTP<sup>®</sup> Adapter Panels\*

### Non-Shuttered



### 1 Select fibre count.

12 = One MTP® adapter 24 = Two MTP adapters

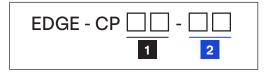
48 = Four MTP adapters

### 2 Select colour code.

Q4 = Blue Q2 = Red Q5 = Orange 90 = Black Q1 = Green Q3 = Yellow QA = Brown Q6 = Violet Q7 = Slate Q9 = Rose Q8 = White E3 = Aqua



### **Reverse Polarity Shutters**



### Select fibre count.

24 = 24-fibre hex plex adapter 48 = 48-fibre hex plex adapter 72 = 72-fibre hex plex adapter

### 2 Select colour code.

U6 = Blue U2 = Red U9 = Orange U1 = Black UE = Yellow UB = Brown U8 = Violet U7 = Slate UC = White U3 = Aqua



<sup>\*</sup>Not available with Corning® CleanAdvantage™ Technology at this time.

# EDGE<sup>™</sup> Solutions | MTP<sup>®</sup> Jumpers



- 1 Select MTP® connector.
  - 75 = MTP, 12-fibre (non-pinned), multimode
  - 90 = MTP, 12-fibre (non-pinned), single-mode
  - 93 = MTP, 12-fibre (pinned), multimode
  - 89 = MTP, 12-fibre (pinned), single-mode
- 2 Select MTP connector.
  See options listed above.
- 3 Select connector colour. (Colour applies to both ends)

 N = Blue
 R = Red

 E = Orange
 B = Black

 G = Green
 Y = Yellow

 K = Brown
 V = Violet

 S = Slate
 P = Rose

 W = White
 A = Aqua

- 4 Defines fibre count.
  - 12 = 12-fibre
- 5 Select fibre type.
  - $T = 50 \mu m \text{ multimode (OM3)}$  $Q = 50 \mu m \text{ multimode (OM4)}$
  - G = Single-mode Ultra (OS2)
- 6 Defines cable type.
  Z = LSZH™
- 7 Select jacket colour.

N = Blue R = Red Y = Yellow A = Aqua (single mode) (multimode) G = Green

- 8 Defines furcation length.
  - N = No furcation
- Select wiring/polarity.
  - A = TIA-568 Type-A (straight-through)
  - B = TIA-568 Type-B(MTP flip)
- 10 Select jumper length. 001-060 m

(1-m increments measured from MTP to MTP)

- 11 Select unit of measure.
  - M = Metres
- **Defines suffix.** S = Secure



### Secure Duplex Patch Cords



### 1 Select LC connector on first end.

00 = No connectors (pigtail) Multimode

05 = LC PC Duplex Coloured 26 = LC PC Duplex Keyed Single-Mode

04 = LC UPC Duplex Coloured 18 = LC APC Duplex Coloured 33 = LC UPC Duplex Keyed 51 = LC APC Duplex Keyed

### 2 Select LC or SC connector on second end.

Multimode

05 = LC PC Duplex Coloured 26 = LC PC Duplex Keyed

57 = SC PC Duplex Standard Single-Mode

04 = LC UPC Duplex Coloured 18 = LC APC Duplex Coloured 33 = LC UPC Duplex Keyed 51 = LC APC Duplex Keyed 66 = SC APC Duplex Standard 72 = SC UPC Duplex Standard

3 Determines fibre count.

### 4 Select fibre type.

 $K=62.5~\mu m~Multimode~(OM1)$ 

 $Q = 50 \mu m Multimode (OM4)$ 

G = Single-Mode Ultra (OS2)

### 5 Defines cable type.

5B = Zipcord LSZH<sup>™</sup>, 2.0 mm CPR B2ca

#### 6 Select colour of LC connector on first end.

 $\begin{array}{lll} N = Blue & R = Red \\ E = Orange & B = Black \\ G = Green & Y = Yellow \\ K = Brown & V = Violet \\ S = Slate & P = Rose \\ W = White & A = Aqua \end{array}$ 

Z = Standard

Z = Standard

# 7 Select colour of LC connector on second end.

 $\begin{array}{lll} N = \text{Blue} & R = \text{Red} \\ E = \text{Orange} & B = \text{Black} \\ G = \text{Green} & Y = \text{Yellow} \\ K = \text{Brown} & V = \text{Violet} \\ S = \text{Slate} & P = \text{Rose} \\ W = \text{White} & A = \text{Aqua} \end{array}$ 

8 Select assembly length in m. 002-199

Note: For lengths greater than 199, contact Corning Customer care at 00800 2676 4641 or cc.emea@corning.com.

### Defines unit of measure.

M = Metres

### 10 Select cable colour.

 BL = Blue
 RD = Red

 OR = Orange
 BK = Black

 GR = Green
 YL = Yellow

 BR = Brown
 VT = Violet

 SL = Slate
 RS = Rose

 WH = White
 AQ = Aqua

When choosing a standard connector colour on the first or second end (digit 6&7) you must choose '7" for connector colour.



Select connector based on the adapter type used at the patch panel and the electronic interface connector.

Connector and adapter must be compatible for a correct connection.

Always use the lowest code first when constructing part numbers.

If simplex connectors are desired, the duplex clip can be removed.

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## LC Lockable Uniboot Jumpers

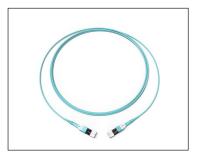


- 1 Select connector one type.
  - U9 = Multimode LC Uniboot(OM3/OM4)
  - U8 = Single-mode LC UPC Uniboot (OS2)
- 2 Select connector two type.
  - U9 = Multimode LC Uniboot (OM3/OM4)
  - U8 = Single-mode LC UPC Uniboot (OS2)

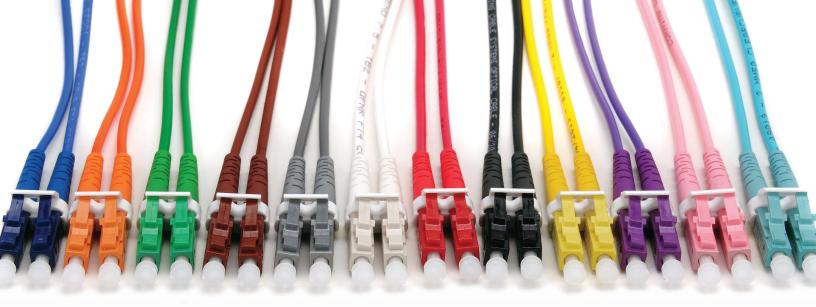
- 3 Select fibre type.
  - $T = 50 \mu m \text{ multimode (OM3)}$  $Q = 50 \mu m \text{ multimode (OM4)}$
  - G = Single-mode Ultra (OS2)
- 4 Select flame rate.
  - NB20 = 2 mm LSZH<sup>™</sup>, CPR B2ca NZ20 = 2 mm LSZH, CPR Dca NZ16 = 1.6 mm LSZH, CPR Dca<sup>6</sup>

- 5 Select length.
  - 001-250 (tip-to-tip)
- 6 Select unit of measure.

F = Feet M = Metres







We offer network security for any organization looking to mitigate privacy or security concerns. Giving the user 12 colour-coded options, the LC solution provides added flexibility and easy network identification.

### Cables



### 1 Select fibre count.

Standard offerings: 002 006 012 024 004 008 018

### 2 Select fibre code.

 $K = 62.5 \mu m \text{ multimode (OM1)}$ 

- $T = 50 \mu m \text{ multimode}$ (OM2/OM3/OM4/OM4+)
- E = Single-mode (OS2) Corning® SMF-28e+® fibre
- Z = Single-mode (OS2) Corning® SMF-28® Ultra fibre
- 3 Defines cable type.

8 = MIC<sup>®</sup> cable (standard)

- 4 Defines outer jacket.
  - 1 = Riser (MIC)
  - 8 = Plenum (MIC)
- 5 Defines fibre placement.
  - 3 = Standard
- 6 Select length markings.
  - 5 = Markings in ft with coloured jacket (fibre count < 12)
  - 6 = Markings in m with coloured jacket (fibre count < 12)
  - 7 = Markings in ft with coloured jacket (fibre count ≥ 12)
  - 8 = Markings in m with coloured jacket (fibre count ≥ 12)
- 7 Defines tensile strength.

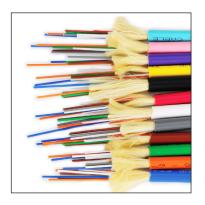
1 = See specifications

## 8 Select performance option code.

30 = 62.5 μm multimode (OM1) 31 = 50 μm multimode (OM2) 80 = 50 μm multimode (OM3) 90 = 50 μm multimode (OM4) 91 = 50 μm multimode (OM4+) 31 = Single-mode (OS2)

- (Maximum attenuation 0.65/0.65/0.5 dB/km)
- Defines cable type.- = MIC cable (standard)
- Select special manufacturing and colour code.\*

Please see below for selections.



#### \*Colour Codes for Selection 10 Non-Armored

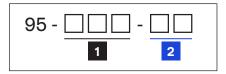
AQ = Aqua BR = Brown GR = Green BK = Black OR = Orange RS = Rose RD = Red SL = Slate BL = Blue VI = Violet WH = White YL = Yellow

### **Interlocking Armored**

AA = Aqua AB = Brown AG = Green AK = Black AO = Orange AP = Rose AR = Red AS = Slate AU = Blue AV = Violet AW = White AY = Yellow

### UniCam<sup>®</sup> Connectors

### **LC Connectors**



Select fibre type.

 $000 = 62.5 \, \mu \text{m}$ 

 $050 = 50 \, \mu m$ 

 $200 = 8.3 \, \mu m \, (OS2)$ 

Select connector type. 99 = LC

> 99-X = LC (OM3/OM4)94 = LC APC

Note: Order UniCam® plus coloured boots for non-keyed UniCam connectors.



### **LC Connector Boots**

- Defines connector type.
  - 11 = LC connector
- 2 Select jacket/fibre size.  $9 = 900 \, \mu m$  $2 = 1.6 \, \text{mm} / 2.0 \, \text{mm}$ 3 = 3.0 mm

Note: Each package contains 100 boots

Select boot colour.

N = BlueY = YellowC = SlateA = AguaR = RedG = Green B = Black W = White

# Closet Connector Housing (CCH) | LC Adapter Panels

### Non-Shuttered



### 1 Select fibre count.

06 = 6-fibre (three duplex adapters) 08 = 8-fibre (four duplex adapters) 12 = 12-fibre (six duplex adapters) 16 = 16-fibre (eight duplex adapters) 24 = 24-fibre (12 duplex adapters)

### 2 Select LC adapter colour.

 A9 = Blue
 BE = Red

 BK = Orange
 BF = Black

 BH= Green
 BG = Yellow

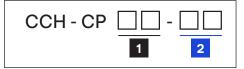
 BN = Brown
 BJ = Violet

 BM = Slate
 BL = Rose

 BP = White
 E4 = Aqua



### **Shuttered**



### 1 Select fibre count.

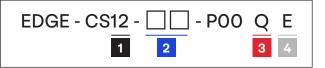
06 = 6-fibre (three duplex adapters) 08 = 8-fibre (four duplex adapters) 12 = 12-fibre (six duplex adapters) 16 = 16-fibre (eight duplex adapters) 24 = 24-fibre (12 duplex adapters)

### 2 Select LC adapter colour.

AE = Blue DC = Red
DH = Orange AC = Black
AF = Green DD = Yellow
DE = Brown DJ = Violet
DF = Slate DK = Rose
DG = White AD = Aqua



EDGE<sup>™</sup> Solutions | Shuttered LC Splice Cassettes



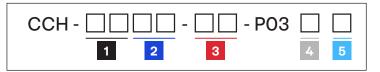
- **1 Fibre count.** 12 = 12-fibre

 $DG = White \qquad AD = Aqua$ 

- 3 Fibre type.
  - T = 50 µm multimode (OM3) Q = 50 µm multimode (OM4) R = Single-mode Corning® SMF 28e+® (OS2)
- **Splicing type.** E = Single-fibre splicing



Closet Connector Housing (CCH) | Shuttered Pigtailed LC Adapter Panels



### 1 Select module or panel.

RM = Module CP = Panel

### 2 Select fibre count.

06 = 6-fibre 08 = 8-fibre 12 = 12-fibre 16 = 16-fibre 24 = 24-fibre

### 3 Select LC adapter style/colour.

Non-Shuttered LC Adapters
A9 = Blue BG = Yellow
BK = Orange BJ = Violet
BH = Green BL = Rose

BN = Brown BM = Slate BP = White

#### Shuttered LC Adapters

AE = Blue DC = Red
DH = Orange AC = Black
AF = Green DD = Yellow
DE = Brown DJ = Violet
DF = Slate DK = Rose
DG = White AD = Aqua

### 4 Select fibre type.

K = 62.5 µm multimode (OM1)
C = 50 µm multimode (OM2)
S = 50 µm multimode (OM4)
R = Single-mode Corning®
SMF 28e+® (OS2)

### 5 Select cable type.

H = MIC® cable subunit (standard fibre cable option) J = Ribbon fibre



Closet Connector Housing (CCH) | LC Pigtailed Splice Cassettes



#### 1 Select fibre count.

06 = 6-fibre

08 = 8-fibre

12 = 12-fibre

16 = 16-fibre

24 = 24-fibre

BP = White

## 2 Select LC colour and adapter type.

Non-shuttered LC adapters
A9 = Blue BE = Red
BK = Orange BF = Black
BH= Green BG = Yellow
BN = Brown BJ = Violet
BM = Slate BL = Rose

E4 = Aqua

#### Shuttered LC adapters

AE = Blue DC = Red
DH = Orange AC = Black
AF = Green DD = Yellow
DE = Brown DJ = Violet
DF = Slate DK = Rose
DG = White AD = Aqua

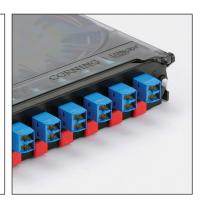
### 3 Select fibre type.

K = 62.5 μm multimode (OM1) B = 50 μm multimode (OM2) T = 50 μm multimode (OM3) Q = 50 μm multimode (OM4) R = Single-mode Ultra (OS2)

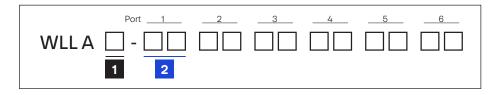
### 4 Select splicing type.

E = Single-fibre splicing
J = Ribbon splicing (only for fibre counts of 12 or 24)





Wall-Plate Outlets (WLL) Single-Gang | Non-Shuttered, Loaded LC Adapters



### Select number of ports and orientation.

E = 6, straight

A = 1, straight M = 1, angled B = 2, straight C = 3, straight D = 4, straight

N = 2, angled P = 4, angled

### Select colour for each port.

A9 = BlueBE = RedBK = Orange BF = Black BH = Green BG = Yellow BJ = Violet BN = BrownBM = Slate BL = RoseBP = White E4 = Aqua



# Adapter Compatibility Matrix

	Wall-Plate Outlets (WLL)	Closet Connector Housing (CCH) LC Adapter Panels
Adapter Type		
Keystone with Adapter	Compatible	Not Compatible
Adapters	Not Compatible	Compatible

Wall-Plate Outlets (WLL)

### Single-Gang Wall-Plate – White



# 1 Select number of ports and orientation.

A = 1, straight M = 1, angled B = 2, straight N = 2, angled C = 3, straight P = 4, angled

D = 4, straight E = 6, straight

Note: Individual (non-loaded) wall-plates ship with blanks for half of the available ports, e.g., a four-port wall-plate will ship with two blanks.



Note: Order keystone adapters separately. Refer to Adapter Compatibility Matrix on page 49 for compatibility guidance.

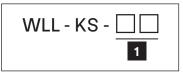
Note: Adapters not included.

### **Double-Gang Wall-Plate – White**

1 Select number of ports and orientation.

G = 12, straight Q = 8, angled

Wall-Plate Outlets (WLL) | Non-Shuttered LC Keystone Adapters



### 1 Select LC adapter colour.

 A9 = Blue
 BE = Red

 BK = Orange
 BF = Black

 BH = Green
 BG = Yellow

 BN = Brown
 BJ = Violet

 BM = Slate
 BL = Rose

 BP = White
 E4 = Aqua

Note: Refer to Adapter Compatibility Matrix on page 49 for compatibility guidance.



### Non-Shuttered LC Duplex Adapters

ADP-DLCO-CC RF-CLS

### 1 Select LC adapter colour.

 $\begin{array}{lll} N = Blue & R = Red \\ E = Orange & B = Black \\ G = Green & Y = Yellow \\ K = Brown & V = Violet \\ S = Slate & P = Rose \\ W = White & A = Aqua \end{array}$ 

Note: These adapters are not compatible with WLL wall-plates.





Note: Refer to Adapter Compatibility Matrix on page 49 for compatibility guidance.



# **Additional Products**

Pair your optical pre-terminated and field-terminated connectivity solutions with our broad range of hardware options to ensure maximum security, flexibility, and manageability.

# Hardware Solutions

Rack-Mountable Hardware Solutions			
Hardware Type		Part Numbers	Secure Solution Required
EDGE8® Hardware		EDGE8-01U	EDGE8 Modules and Panels
	0.000 0.000	EDGE8-01U-SP	and Panels
		EDGE8-02U	
	108	EDGE8-04U	
EDGE <sup>™</sup> Hardware	COUNNIG Profuse (DGF	EDGE-01U	EDGE Modules and Panels
COSNIG Prelia BOT	COUNTING Preform ESCI*	EDGE-01U-SP	and Panels
	9	EDGE-02U	
	CODINING Pether (DCF	EDGE-04U	
Closet Connector Housing (CCH)		CCH-01U	CCH Panels and Pigtailed
riousing (CCH)	Grand Control	CCH-02U	
	Time. Time	CCH-03U	Cassettes
		CCH-04U	# 3
Pretium™ Connector		PCH-01U	Plug & Play" Modules and
Housing (PCH)		PCH-02U	Integrated Trunk Modules
	PCH-04U		

# Hardware Solutions

Hardware Type		Part Numbers	Secure Solution Required
Wall-Mountable Closet Housing		WCH-02P	CCH Panels and Pigtailed
(WCH)	e e e e e e e e e e e e e e e e e e e	WCH-O4P	Cassettes 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
омняю	WCH-06P	# #	
Single-Cassette Housing (SCH)		SCH-01C	CCH Pigtailed Cassettes
Single-Panel Housing (SPH)	CORNING insura	SPH-O1P	CCH Panels
Single-Module Housing (SMH)	CORNING insura	SMH-01M	CCH Modules

# Hardware Solutions

Ceiling/Floor/Wall-Mountable Hardware Solutions			
Hardware Type	Part Numbers	Secure Solution Required	
Fibre Zone Box (FZB)	FZB-O4U	CCH Panels and Plug & Play™ 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.	
8.3)	FZB-O4P		
1.5	EDGE-FZB-O4U		
Sub Floor Box (SFB)	SFB-03U	EDGE™ Modules and Panels	
Fibre-to-the-Desk Hardware Solutions	Fibre-to-the-Desk Hardware Solutions		
Hardware Type	Part Numbers	Secure Solution Required	
EDGE8® and EDGE Single-Module	EDGE8-SMH	EDGE8 Modules See page 24	
Housing	EDGE-SMH	EDGE Modules See page 36	
EDGE Single-Module Splice Housing	EDGE-SMH-SPLC	See pages 9 and 45	
Wall-Plate Outlet (WLL)	WLL-XX	See keyed and non-keyed options in field-terminated sections. See pages 12, 14, 48 and 50	
Workstation Multimedia Outlet (WMO)	WMO-85	See keyed and non-keyed options in field-terminated sections. See pages 43 and 87	
Fibre-to-the-Desk Module (MAM)	MAM-XM-12-XX X-XX X X-X	See keyed and non-keyed options in field-terminated sections.  Floor box and wall gang versions available See pages 28 and 72	

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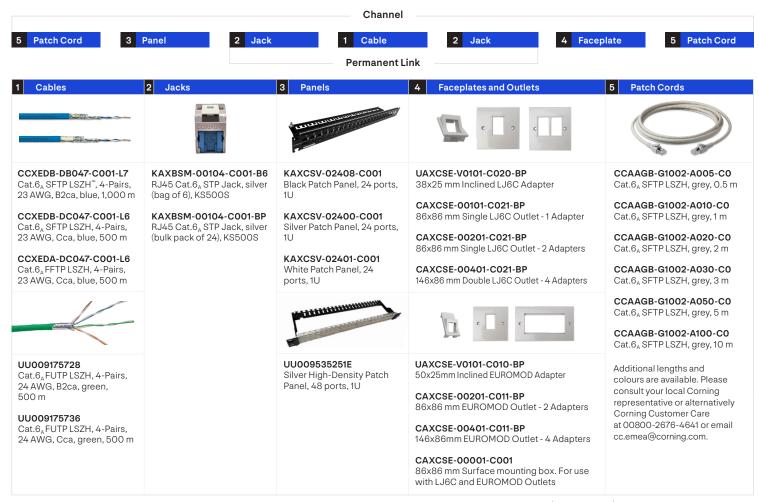
# Corning® Everon® Copper Datacom Solutions

Corning offers a comprehensive range of products for all copper cable requirements.

Within this portfolio, the Keystone footprint and its KS500S shielded system are the most adequate for your secure environment, providing an easy-to-use solution for deploying high-speed connections throughout a building.

# **Everon® Copper Datacom**

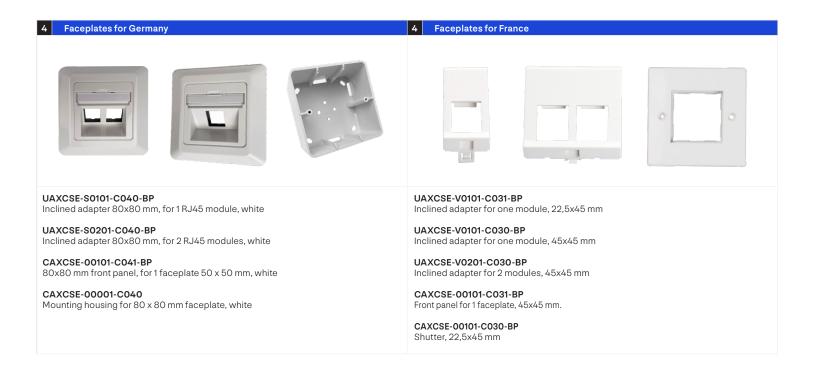
# Keystone Footprint KS500S Shielded Cat.6,/Class EA, UK



Additional faceplates available (see next page).

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# **Additional Faceplates**



# **Everon® Copper Datacom Patch Cord**

The Everon Copper Datacom patch cord locks system can lock the patch cable into a port or prevent someone from unplugging the cable. It can help protect your terminal outlet or patchpanel with a security lock. The plug locks are secured with fixing system that require a special key to unlock. The application-neutral category 6A patch cords have four individual foil-shielded pairs (PiMF) and an additional braid shield (S/FTP). They are assembled with a shielded RJ45 connectors on each end. The zero halogen patch cords (LSZH™) are non-corrosive according to IEC 60754-2 (FRNC), low smoke according to IEC 61034 and flame retardant according to IEC 60332-1. Everon Copper Datacom CCAAGB patch cords provide additional latch protection. They are available in various lengths and colours.





Part Number	Description
CAXCSN-00000-C005	Everon Copper Datacom patch cord locks system, Lock/unlock key, 10 pieces
CAXCSN-00000-C006	Everon Copper Datacom patch cord locks system, Lock/unlock port Red, 24 pieces
CCAAGB-G1015-A005-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, gray, 0.5 m
CCAAGB-G1015-A010-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, gray, 1 m
CCAAGB-G1015-A020-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, gray, 2 m
CCAAGB-G1015-A030-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, gray, 3 m
CCAAGB-G1015-A050-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, gray, 5 m
CCAAGB-G1015-A100-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, gray, 10 m

## **Bloc Port**

# Grid Outlet Port (GOP) Boxes Protective Box for Module Housings





Part Number	Description
WAXWAB-00408-C001	Protective tank/ GOP box for 4 module housings 38x25 inclined, housing and cover black
WAXWAB-00608-C001	Protective tank/ GOP box for 6 module housings 38x25 inclined, housing and cover black
WAXWSE-00000-C001	Clip for installation of GOP box, Pack 10 pieces

# **Everon® Copper Datacom Patch Cord Locks System**

The Everon Copper Datacom patch cord locks system can lock the patch cable into a port or prevent someone from unplugging the cable. It can help protect your terminal outlet or patchpanel with a security lock. The plug locks are secured with fixing system that require a special key to unlock. The application-neutral category 6A patch cords have four individual foil-shielded pairs (PiMF) and an additional braid shield (S/FTP). They are assembled with a shielded RJ45 connectors on each end. The zero halogen patch cords (LSZH™) are non-corrosive according to IEC 60754-2 (FRNC), low smoke according to IEC 61034 and flame retardant according to IEC 60332-1. Everon Copper Datacom CCAAGB patch cords provide additional latch protection. They are available in various lengths and colours.



Part Number	Description
CAXCSN-00000-C005	Everon Copper Datacom patch cord locks system, Lock/unlock key, 10 pieces
CAXCSN-00000-C006	Everon Copper Datacom patch cord locks system, Lock/unlock port Red, 24 pieces
CCAAGB-G1015-A005-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, grey, 0.5 m
CCAAGB-G1015-A010-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, grey, 1 m
CCAAGB-G1015-A020-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, grey, 2 m
CCAAGB-G1015-A030-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, grey, 3 m
CCAAGB-G1015-A050-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, grey, 5 m
CCAAGB-G1015-A100-C0	Everon Copper Datacom patch cord locks system, Cat.6A S/FTP Patchcord, AWG 26, grey, 10 m

# **Tools and Resources**

#### **Programmes and Services**

www.corning.com/emea/en/products/communication-networks/loyalty-programs.html

#### Online Product Catalogue

catalog.corning.com/opcomm

### Online Library

http://www.corning.com/opcomm/resourcelibrary

#### Online Drawings Resource Centre

http://www.corning.com/emea/en/product-drawing

#### Online Certificates Centre

http://www.corning.com/emea/en/certificates

#### **CPR Centre**

http://www.corning.com/opcomm/cpr

#### See the Light® Seminars and Webinars

http://www.corning.com/emea/training

#### On-Demand Installation Videos

http://www.corning.com/opcomm/youtube

#### **Events**

http://www.corning.com/emea/en/products/communication-networks/news-events/news-releases.html

#### Newsletter Archive

http://www.corning.com/emea/en/products/communication-networks/news-events/newsletters.html

### **Newsletter Subscription**

http://www.corning.com/emea/en/products/communication-networks/news-events/subscription-center.html

# **Notes**

