

SYSTIMAX ULL Preterminated Trunk Cables

- 8-, 12- and 24-fiber MPO connector-based modules available in OM4 and OM5 Wideband multimode fiber solutions
- 8- and 12-fiber MPO connector-based modules available in singlemode fiber solutions
- Factory-terminated and tested trunk cables provide superior quality and performance for field connections
- Reliable transmit-to-receive connectivity using Method B Enhanced polarity maintenance maximizes administrative convenience
- Simplified reconfiguration for moves, adds and changes (MACs)
- Easy upgrade path to parallel transmission and associated applications, and increased value of existing infrastructure
- SYSTIMAX ULL trunks are provisioned with pins to interface with G2 ULL modules (without pins)



SYSTIMAX ULL MPO-8 trunk cables

1 U	2 G	3 V	4 Q	5 X	6 Q	7 X	8 Q	9 H	10 -	11 N	12 A	13 M	14-16 010
Construction type U Ultra-low loss	Family G Trunk, Plenum J Trunk, LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Termination end A QP MPO (Non-pinned) QX MPO (Pinned)	Termination end B QX MPO (Pinned)	Construction Q 8 Fiber PmP	Fiber count 8 8-fiber R 16-fiber F 24-fiber H 48-fiber U 64-fiber L 96-fiber M 144-fiber	Color M Aqua N Lime green J Yellow	Options A No gland B With gland C With pulling eye					

No female to female configurations.

OM4 standard is aqua

OM5 standard is lime green

Singlemode standard is yellow

SYSTIMAX ULL MPO-12 trunk cables

1 U	2 J	3 X	4 M	5 X	6 M	7 X	8 A	9 K	10 -	11 M	12 A	13 F	14-16 010
Construction type U Ultra-Low Loss	Family G Trunk, Plenum J Trunk, LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Termination end A MP MPO (Non-pinned) MX MPO (Pinned)	Termination end B MX MPO (Pinned)	Construction A 12 Fiber PmP	Fiber count D 12-fiber F 24-fiber H 48-fiber K 72-fiber L 96-fiber M 144-fiber	Color M Aqua N Lime green J Yellow	Options A No gland B With gland C With pulling eye					

No female to female configurations.

OM4 standard is aqua

OM5 standard is lime green

Singlemode standard is yellow

SYSTIMAX ULL Preterminated Trunk & Fanout Cables

SYSTIMAX ULL MPO-24 trunk cables

1 U	2 G	3 V	4 2	5 X	6 2	7 X	8 B	9 M	10 -	11 N	12 C	13 F	14-16 010
Construction type U Ultra-Low Loss	Family G Trunk, Plenum J Trunk, LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Termination end A 2C MPO (Non-pinned) equipment 2P MPO (Non-pinned) 2X MPO (Pinned)	Termination end B 24-fiber PmP	Fiber count F 24-fiber H 48-fiber K 72-fiber L 96-fiber M 144-fiber	Color M Aqua N Lime green J Yellow	Options B With gland C With pulling eye	Unit of measure F Feet M Meter	Length 010-999 Feet 003-305 Meter				

- No female to female configurations
 - Male to female will be configured as trunk extensions
 - OM4 standard is aqua
 - OM5 standard is lime green
 - Singlemode standard is yellow

SYSTIMAX ULL ruggedized fanout cables

- 8-, 12- and 24-fiber MPO connector-based modular design enables simple connections
- Ruggedized fanouts are constructed with OM4 and OM5 Wideband and singlemode fibers
- Factory terminated and tested for instant field connections giving guaranteed quality and performance
- Designed for administrative convenience—guaranteed transmit-to-receive connectivity
- No special or non-standard polarity components



1 U	2 L	3 X	4 M	5 P	6 L	7 C	8 A	9 D	10 -	11 M	12 E	13 F	14-16 010
Construction type U Ultra-low loss	Cable family L Rugged F/O Plenum N Rugged F/O LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 QP 8f MPO (Non-pinned) QX 8f MPO (Pinned) MP 12f MPO (Non-pinned) MX 12f MPO (Pinned) 2P 24f MPO (Non-pinned) 2X 24f MPO (Pinned)	Connector 2 LC LC standard	Cordage size A 12-fiber PmP cable Q 8-fiber PmP Cable B 24-fiber PmP Cable	Fiber count D 12-fiber F 24-fiber S 32-fiber G 36-fiber H 48-fiber U 64-fiber K 72-fiber L 96-fiber	Color M Aqua N Lime green J Yellow	Breakout length LC End E 24 in breakout no gland F 24 in breakout with gland G 24 in breakout pulling grip S 36 in breakout no gland T 36 in breakout pulling grip U 36 in breakout with gland H 48 in breakout no gland J 48 in breakout with gland K 48 in breakout pulling grip L 72 in breakout no gland M 72 in breakout with gland N 72 in breakout pulling grip	UOM F Feet M Meter	Length minimal length based on breakout 24 in 7,999 ft 36 in 8,999 ft 48 in 9,999 ft 72 in 11,999 ft Total length includes the breakout 24 in 2-305 m 36-48 in 3-305 m 72 in 4-305 m			

- Standard breakout length for Connector 1 is 33 in
 *24-fiber PmP cable not available for singlemode

SYSTIMAX ULL Array Cords



SYSTIMAX ULL LC array cords

- TeraSPEED singlemode 8- and 12-fiber or multimode 8- 12- and 24-fiber MPO connectors ensure fast and simple connections
- All 8-fiber MPO arrays have QSFP wiring
- Available in OM4 and OM5 Wideband multimode and singlemode fibers
- Factory-terminated and tested trunk cables provide superior quality and performance for field connections
- MPO-LC array fanouts are constructed with 1.6-millimeter reinforced zipcord furcation tubing for outstanding durability and dependability
- Array fanouts are available with multiple breakout lengths to simplify installation

1 U	2 Q	3 X	4 M	5 P	6 L	7 C	8 G	9 D	10 -	11 M	12 E	13 F	14-16 010
<p>Construction type U Ultra-low loss</p>	<p>Cable family Q Plenum array R LSZH array</p>	<p>Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode</p>	<p>Connector 1 QP 8f MPO (female) QX 8f MPO (male) MP 12f MPO (female) MX 12f MPO (male) 2P 24f MPO (female) 2X 24f MPO (male)</p>	<p>Connector 2 LC LC connector</p>	<p>Cordage size G 12-fiber PmP Array Cord J 8-fiber PmP Array Cord H 24-fiber PmP Array Cord</p>	<p>Fiber count 8 8-fiber D 12-fiber F 24-fiber</p>	<p>Color M Aqua N Lime green J Yellow</p>	<p>Breakout length D 12 in breakout E 24 in breakout H 48 in breakout L 72 in breakout No gland</p>	<p>UOM F Feet M Meter</p>	<p>Length minimal length based on breakout 12 in 3-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft</p>			

*24-fiber PmP cable not available for singlemode

Other lengths available please contact CommScope

SYSTIMAX ULL MPO array cords

- 8-, 12- and 24-fiber MPO connector-based modular design enables simple connections
- Array cords are constructed with OM4 and OM5 Wideband and singlemode fibers
- Factory-terminated and tested for instant field connections giving guaranteed quality and performance
- MPO-MPO arrays are constructed with 3.0 mm PmP array cords
- Arrays are available with multiple breakout lengths; minimum overall assembly length may vary based on breakout length selected (please see configuration table for specifics)



1 U	2 Q	3 X	4 M	5 P	6 M	7 P	8 G	9 D	10 -	11 M	12	13 F	14-16 010
<p>Construction type U Ultra-low loss</p>	<p>Cable family Q Plenum array R LSZH array</p>	<p>Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode</p>	<p>Connector 1 QP 8f MPO (female) QX 8f MPO (male) MP 12f MPO (female) MX 12f MPO (male) 2P 24f MPO (female) 2X 24f MPO (male) 2C 24f MPO (female) equipment</p>	<p>Connector 2 QP 8f MPO (female) QX 8f MPO (male) MP 12f MPO (female) MX 12f MPO (male) 2P 24f MPO (female) 2X 24f MPO (male) 2C 24f MPO (female) equipment</p>	<p>Cordage size G 12-fiber PmP Array Cord J 8-fiber PmP Array Cord H 24-fiber PmP Array Cord</p>	<p>Fiber count 8 8-fiber D 12-fiber F 24-fiber</p>	<p>Color M Aqua N Lime green J Yellow</p>	<p>Breakout length D 12 in breakout E 24 in breakout H 48 in breakout L 72 in breakout No gland</p>	<p>UOM F Feet M Meter</p>	<p>Length minimal length based on breakout 12 in 3-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft</p>			

*24-fiber PmP cable not available for singlemode

Total length includes the breakout

*For use when there is more than one MPO connector on one or both ends (ie: 1x2, 1x3, 2x3)

*2P, 2X and 2C only available for multimode fiber

SYSTIMAX ULL Patch Cords



SYSTIMAX ULL polarity and gender changeable MPO patch cords

SYSTIMAX ULL 8 fiber-optic MTP PRO patch cords

1 U	2 Q	3 X	4 Q	5 F	6 Q	7 F	8 G	9 8	10 -	11 M	12 A	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type X LazrSPEED 550 multimode V LazrSPEED OMS WB multimode	Connector 1 QF 8f MTP PRO (female)	Connector 2 QF 8f MTP PRO (female)	Cordage size J 8-fiber PmP Array Cord	Fiber count 8 8-fiber	Color M Aqua N Lime green			Breakout length A No gland	UOM F Feet M Meter	Length 010-999 ft 003-305 m	

SYSTIMAX ULL 12 fiber-optic MTP PRO patch cords

1 U	2 Q	3 X	4 M	5 F	6 M	7 F	8 G	9 D	10 -	11 J	12 A	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type X LazrSPEED 550 multimode V LazrSPEED OMS WB multimode	Connector 1 MF 12f MTP PRO (female)	Connector 2 MF 12f MTP PRO (female)	Cordage size G 12-fiber PmP Array Cord	Fiber count D 12-fiber	Color M Aqua N Lime green			Breakout length A No gland	UOM F Feet M Meter	Length 010-999 ft 003-305 m	

SYSTIMAX ULL Patch Cords

SYSTIMAX ULL fiber-optic MPO-8 patch cords

1 U	2 Q	3 G	4 Q	5 X	6 Q	7 X	8 J	9 8	10 -	11 J	12 A	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 QP 8f MPO (female) QX 8f MPO (male)	Connector 2 QP 8f MPO (female) QX 8f MPO (male) UC Unconnected	Cordage size J 8-fiber PmP Array Cord	Fiber count 8 8-fiber	Color M Aqua N Lime green J Yellow	Breakout length A No gland	UOM F Feet M Meter	Length 010-999 ft 003-305 m			

SYSTIMAX ULL fiber-optic MPO-12 patch cords

1 U	2 Q	3 G	4 M	5 X	6 M	7 X	8 G	9 D	10 -	11 J	12 A	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 MP 12f MPO (female) MX 12f MPO (male)	Connector 2 MP 12f MPO (female) MX 12f MPO (male) UC Unconnected	Cordage size G 12-fiber PmP Array Cord	Fiber count D 12-fiber	Color M Aqua N Lime green J Yellow	Breakout length A No gland	UOM F Feet M Meter	Length 010-999 ft 003-305 m			

SYSTIMAX ULL fiber-optic MPO-24 patch cords

1 U	2 Q	3 V	4 2	5 X	6 2	7 X	8 H	9 F	10 -	11 N	12 A	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 2P 24f MPO (female) 2X 24f MPO (male)	Connector 2 2P 24f MPO (female) 2X 24f MPO (male) UC Unconnected	Cordage size H 24-fiber PmP Array Cord	Fiber count F 24-fiber	Color J Yellow M Aqua N Lime green	Breakout length A No gland	UOM F Feet M Meter	Length 010-999 ft 003-305 m			

SYSTIMAX Uniboot ULL Patch Cords



SYSTIMAX Uniboot patch cords

1 U	2 D	3 X	L 4 U	L 5 U	6 6	7 2	- 8 M	9 X	10 F	11-12 010
Construction type U Ultra-low loss	Cable family D Plenum F LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 LU LC Uniboot	Connector 2 LU LC Uniboot	Cordage size K 1.5 mm 6 2.0 mm	Fiber count 2 2-fiber	Color M Aqua N Lime green J Yellow	Breakout length X No breakout	UOM F Feet M Meter	Length 2-200 1-061

- Other lengths available please contact CommScope
- OM4 standard is aqua
- OM5 standard is lime green
- Singlemode standard is yellow

SYSTIMAX ULL fiber-optic LC patch cords



1 U	2 D	3 X	4 L	5 C	6 L	7 C	8 4	9 2	10 -	11 M	12 X	13 F	14-16 010
Construction type U Ultra-low loss	Cable family D Plenum F LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 LC Standard	Connector 2 LC Standard UC Unconnectorized	Cordage size 2 1.6mm simplex 4 1.6mm zipcord	Fiber count 1 1-fiber 2 2-fiber	Color M Aqua N Lime green J Yellow	Breakout length X No breakout	UOM F Feet M Meter	Length 2-200 1-061	Feet Meters		

- Other lengths available please contact CommScope
- OM4 standard is aqua
- OM5 standard is lime green
- Singlemode standard is yellow

SYSTIMAX InstaPatch 360 Trunk Cables

SYSTIMAX InstaPATCH 360 preterminated trunk cables

- Available in OM3, OM4 or OM5 solutions
- 12-fiber MPO connector-based modular design enables simple connections
- Factory terminated and tested trunk cables for instant field connections and guaranteed quality and performance
- Designed for administrative convenience—guaranteed transmit-to-receive connectivity
- Supports easy reconfiguration for moves, adds and changes
- Easy upgrade path to parallel transmission and associated applications, while preserving the initial investment



InstaPATCH 360 preterminated trunk cables configurator

1 F	2 G	3 X	4 M	5 P	6 M	7 P	8 A	9 D	10 -	11 M	12 B	13 F	14 - 16 010
Prefix FG Trunk-Plenum FH Trunk-Plenum Armored FJ Trunk-LZH FK Trunk-LZH Armored	Fiber Type X OM4 multimode Z OM3 multimode V OM5	Connector 1 MP MPO (Female No Pins) MX MPO (Male Pins)	Connector 2 MP MPO (Female No Pins) MX MPO (Male Pins)	Cordage Size A 12 Fiber PnP Cable	Fiber Count D 12 Fiber** F 24 Fiber G 36 Fiber H 48 Fiber K 72 Fiber L 96 Fiber M 144 Fiber	Jacket Color A Blue B Orange C Green D Brown E Slate G Red H Black J Yellow K Violet L Rose M Aqua N Lime	Breakout Length A No Gland B With Gland C Pulling Grip	UOM F Feet M Meter	Length 10-999 Feet 3-305 Meter				

- OM4 standard is Aqua
- OM5 is Lime

SYSTIMAX InstaPatch 360 Trunk Cables



SYSTIMAX InstaPATCH 360 ruggedized fanout cables

- 12-fiber MPO connector-based modular design enables simple connections
 - Ruggedized fanouts are constructed with OM3, OM4 or OM5 singlemode fibers
 - Factory terminated and tested for instant field connections and guaranteed quality and performance
 - Designed for administrative convenience—guaranteed transmit-to-receive connectivity
 - No special or non-standard polarity components

SYSTIMAX InstaPATCH 360 ruggedized fanout cables

SYSTIMAX InstaPatch 360 Array Cords



SYSTIMAX InstaPATCH 360 array cords

- 12-fiber MPO connector-based modular design enables simple connections
- Array cords are constructed with OM3, OM4 or OM5 singlemode fibers
- Factory-terminated and tested for instant field connections and guaranteed quality and performance
- No special or non-standard polarity components
- MPO-LC/SC array fanouts are constructed with 1.6 mm reinforced zipcord furcation tubing for outstanding durability and dependability
- Array fanout assemblies are available in fanout length of 48" for cables over 10 feet; Cables 3-9 feet, 24 inch fanout; Cables 2 feet, 12 inch fanout

InstaPATCH 360 array cord configurator

1 F	2 Q	3 X	4 M	5 P	6 L	7 C	8 G	9 D	10 -	11 M	12 E	13 F	14 - 16 010
Prefix FQ ArrayPlenum FR Array LSZH	Fiber Type X OM4 multimode Z OM3 multimode V OM5	Connector 1 MP MPO (Female No Pins) MX MPO (Male Pins)	Connector 2 LC LC Connector SC SC Standard	Cordage Size G 12 Fiber PmP Array Cord	Fiber Count D 12 Fiber	Jacket Color M Aqua N Lime	Breakout Length D 12 in Breakout No Gland E 24 in Breakout No Gland H 48 in Breakout No Gland L 72 in Breakout No Gland P 96 in Breakout No Gland	UOM F Feet M Meter	Breakout Length 12 in 2-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft 96 in 10-999 ft 24 in 1-305 m 48 in 2-305 m 72 in 3-305 m 96 in 4-305 m	UOM F Feet M Meter	Breakout Length 12 in 2-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft 96 in 10-999 ft 24 in 1-305 m 48 in 2-305 m 72 in 3-305 m 96 in 4-305 m		

• OM4 only available in Aqua
• OM5 only available in Lime

InstaPATCH 360 MPO array cord configurator

1 F	2 Q	3 X	4 M	5 P	6 L	7 C	8 G	9 D	10 -	11 M	12 E	13 F	14 - 16 010
Prefix FQ ArrayPlenum FR Array LSZH	Fiber Type X LazrSPEED 550 Multimode	Connector 1 MP MPO (Female No Pins) MX MPO (Male Pins)	Connector 2 LC LC Connector SC SC Standard	Cordage Size G 12 Fiber PmP Array Cord	Fiber Count D 12 Fiber	Jacket Color M Aqua	Breakout Length A No Gland	UOM F Feet M Meter	Breakout Length 010-999 Feet 003-305 Meters	UOM F Feet M Meter	Breakout Length 010-999 Feet 003-305 Meters	UOM F Feet M Meter	

1 F	2 Q	3 X	4 M	5 P	6 L	7 C	8 G	9 D	10 -	11 M	12 E	13 F	14 - 16 010
Prefix FQ ArrayPlenum FR Array LSZH	Fiber Type X LazrSPEED 550 Multimode	Connector 1 MP MPO (Female No Pins) MX MPO (Male Pins)	Connector 2 MP MPO (Female No Pins) MX MPO (Male Pins)	Cordage Size G 12 Fiber PmP Array Cord	Fiber Count H 24 Fiber	Jacket Color M Aqua	Breakout Length D 12 in Breakout No Gland E 24 in Breakout No Gland H 48 in Breakout No Gland L 72 in Breakout No Gland P 96 in Breakout No Gland	UOM F Feet M Meter	Breakout Length 12 in 2-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft 96 in 10-999 ft 24 in 1-305 m 48 in 2-305 m 72 in 3-305 m 96 in 4-305 m	UOM F Feet M Meter	Breakout Length 12 in 2-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft 96 in 10-999 ft 24 in 1-305 m 48 in 2-305 m 72 in 3-305 m 96 in 4-305 m	UOM F Feet M Meter	Breakout Length 12 in 2-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft 96 in 10-999 ft 24 in 1-305 m 48 in 2-305 m 72 in 3-305 m 96 in 4-305 m

• LazrSPEED only available in Aqua

SYSTIMAX Fiber Optic Patchcords & Pigtails



SYSTIMAX fiber optic patch cords

- Duplex zipcord construction provides better mechanical performance with less risk of damage from crimping
- Rugged 1.6 mm or 3.0 mm cordage for durable and easily handled connections
- Outer jacket colored for easy identification

SYSTIMAX fiber optic patch cords configurator

1 F	2 D	3 X	4 L	5 C	6 L	7 C	8 4	9 D	10 -	11 M	12 X	13 F	14 - 16 010
Prefix FD Jumper/Plenum FE Jumper-Riser FF Jumper-LSZH/ Riser	Fiber Type X OM4 multimode W Singlemode V OM5	Connector 1 LC LC Standard SC SC Standard LA LC Angled SA SC Angled	Connector 2 LC LC Standard SC SC Standard LA LC Angled SA SC Angled	Cordage Size 2 1.6mm Simplex 4 1.6mm Zipcord	Fiber Count 1 1 Fiber 2 2 Fiber			Jacket Color A Blue B Orange C Green D Brown E Slate G Red H Black J Yellow K Violet L Rose M Aqua N Lime	Breakout Length X No Breakout	UOM F Feet M Meter	Breakout 2-200 1-061	Length Feet Meters	

SYSTIMAX Fiber Optic Patchcords & Pigtails



SYSTIMAX fiber optic pigtails

1 F A X 3 L C 6 U C 0 8 9 10 11 M 12 X 13 F 14-16 002

Prefix

1	FA	Pigtail tight buffer
2	FB	Pigtail - Riser SBJ

Fiber type

3	X	OM4 multimode
	W	Singlemode

Connector 1

4	LC	LC standard
5	LA	LC angled
	SC	SC standard
	SA	SC angled

Connector 2

6	UC	Unconnectorized
7		

Cordage size

8	0	0.9 mm (Tight buffered fiber BTW)
	1	0.9 mm (SBJ cordage)

Fiber count

9	1	1 fiber
	A	6 fiber pigtail kit BL-WH (1-6)
	B	6 fiber pigtail kit RD-AQ (7-12)
	C	12 fiber pigtail kit BL-AQ (1-12)

Jacket color

11	A	Blue
	B	Orange
	C	Green
	D	Brown
	E	Slate
	G	Red
	H	Black
	J	Yellow
	K	Violet
	L	Rose
	M	Aqua
	X	KIT pigtail

Breakout length

12	X	No breakout
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Unit of measurement

13	F	Feet
	M	Meter

Length

14	1-23	Feet
-	1-7	Meters

LC keyed fiber pigtails are also available as part of CommScope secure fiber solutions.

For more information please contact your Customer Service Representative.