



CORNING

LANscape<sup>®</sup>  
Fiber-to-the-Desk Solutions  
for Local Area Networks

# LANscape® Fiber-to-the-Desk Solutions for Local Area Networks

Planning on deploying fiber all the way to the desk? Corning LANscape® solutions provide integrated product sets to satisfy Fiber-to-the-Desk (FTTD) needs.

Optical fiber has long been used in the network backbone. fiber-to-the-desk solutions bring fiber from the backbone all the way to the desk, while taking advantage of the bandwidth, inherent security, ease of installation, and smaller footprint that fiber offers.

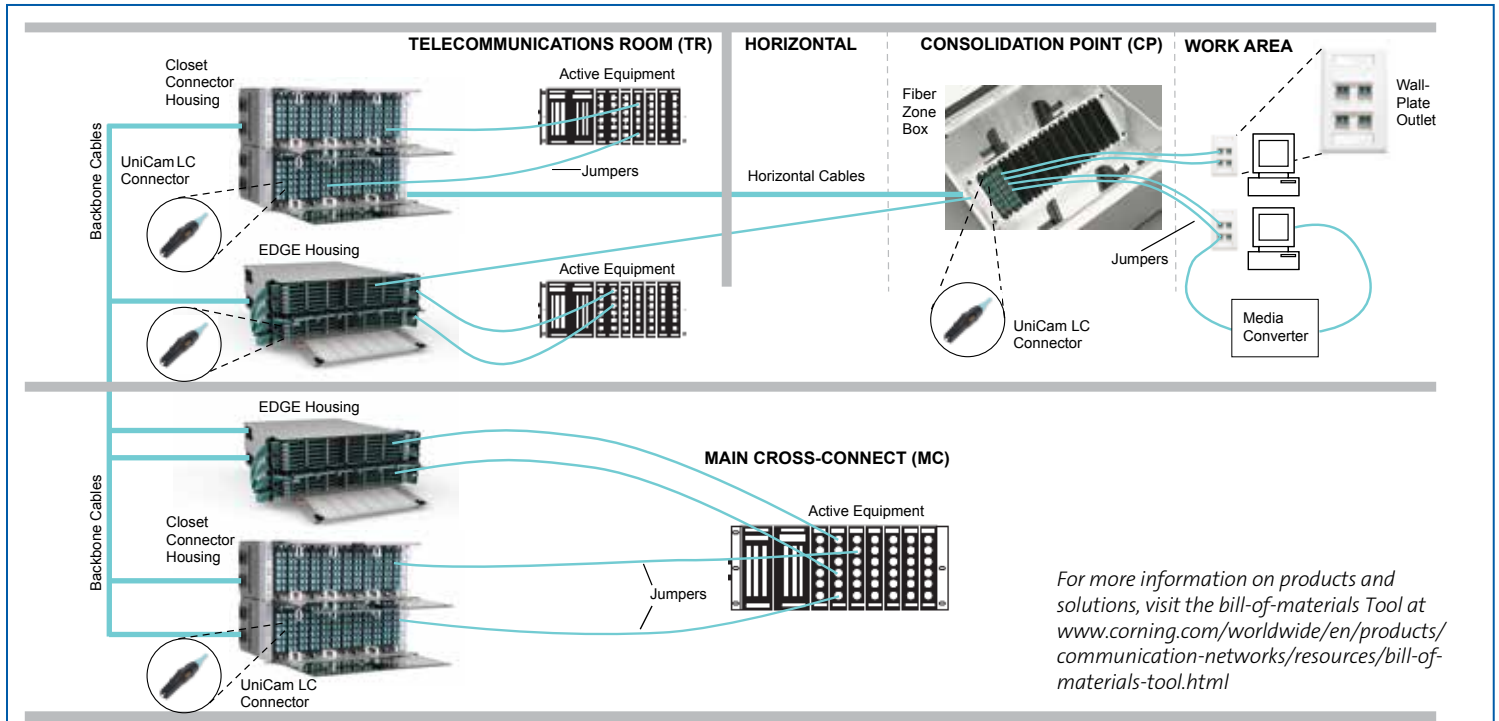
## Because every LAN is unique...

Represented are just some of the many options available for a FTTD design. With the broad selection of compatible LANscape hardware and cable solutions, the possibilities are practically endless. You can design the FTTD solution that meets your specific LAN requirements. For design and product selection assistance, please contact your local sales representative.

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# Field-Terminated FTTD Solution Using UniCam® LC Connectors



## Sample Bill of Materials

### Backbone Cabling

Type	Part Number (xxx = number of fibers)	Description	Location
Indoor	xxxT88-61180-29	MIC® Unitized Cable, plenum, 50 µm multimode (OM3)	MC to TR

### Horizontal Cabling

Type	(xxx = number of fibers)	Description	Location
Indoor	xxxT88-61180-29	MIC Unitized Cable, plenum, 50 µm multimode (OM3)	TR to TE

### Hardware

Type	Part Number	Description	Location
Rack*	CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH connector panels or modules	MC and TR
Rack*	EDGE8-04U	EDGE8™ Housing, 4U, holds up to 72 EDGE8 modules or panels	MC and TR
Rack*	EDGE-04U	EDGE™ Housing, 4U, holds up to 48 EDGE modules or panels	MC and TR
Ceiling/Floor	FZB-04U	Fiber Zone Box Housing, accepts up to 12 CCH connector panels or modules	TE
Wall	WLLAP-E4E4E4E4	Wall-Plate Outlet, single gang, 4-port angled, with four LC duplex adapters, 50 µm multimode (OM3)	Work Area
Panel	CCH-CP24-E4	Closet Connector Housing (CCH) Panel, 24 fibers, LC duplex, 50 µm multimode (OM3)	MC, TR, and TE
Panel	EDGE-CP24-E3	EDGE Panel, MTP® adapters, 24 fibers, 50 µm multimode (OM3/OM4)	MC, TR, and TE
Panel	EDGE8-CP32-V3	EDGE8 Panel, MTP adapters, 32 fibers, 50 µm multimode (OM4)	MC, TR, and TE

### Connectors

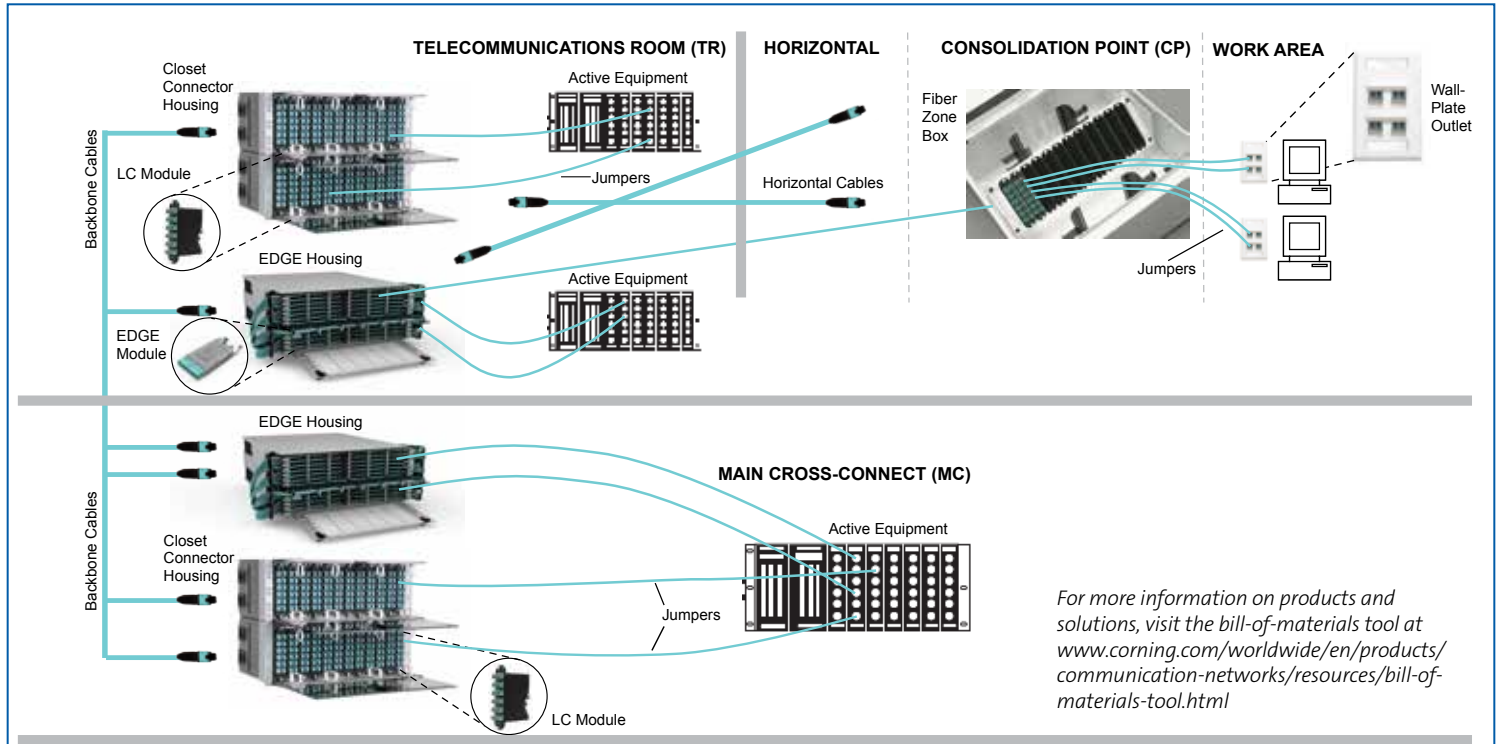
Type	Part Number	Description	Location
LC	95-050-99-X	UniCam® High-Performance Connector, LC, 50 µm multimode (OM3/OM4)	MC, TR and TE

### Jumpers

Connector Type	Part Number (xxx = length in meters)	Description	Location
LC Duplex	050502T5120xxxM	Fiber Optic Jumper, 2 fibers, LC duplex to LC duplex, 50 µm multimode (OM3), xxx meters	MC, TR, Work Area, and from TE to Work Area

\*Three different housing options available for deployment.

# Preterminated FTTD Solution Using Plug & Play™ Universal Systems Modules



## Sample Bill of Materials

### Backbone Cabling

Type	Part Number (xx = number of fibers) (xxx = length in feet)	Description	Location
Trunk	A7575xxTPNBBUxxxF	Plug & Play™ Non-Armored Trunk, plenum, xx fibers with 36-in leg length, MTP® (non-pinned) to MTP (non-pinned) connector, pulling grip one side, 50 µm multimode (OM3), xxx feet	MC to TR

### Horizontal Cabling

Type	Part Number (xx = number of fibers) (xxx = length in feet)	Description	Location
Trunk	A7575xxTPNBBUxxxF	Plug & Play Non-Armored Trunk, plenum, xx fibers with 36-in leg length, MTP (non-pinned) to MTP (non-pinned) connector, pulling grip one side, 50 µm multimode (OM3), xxx feet	TR to TE

### Hardware

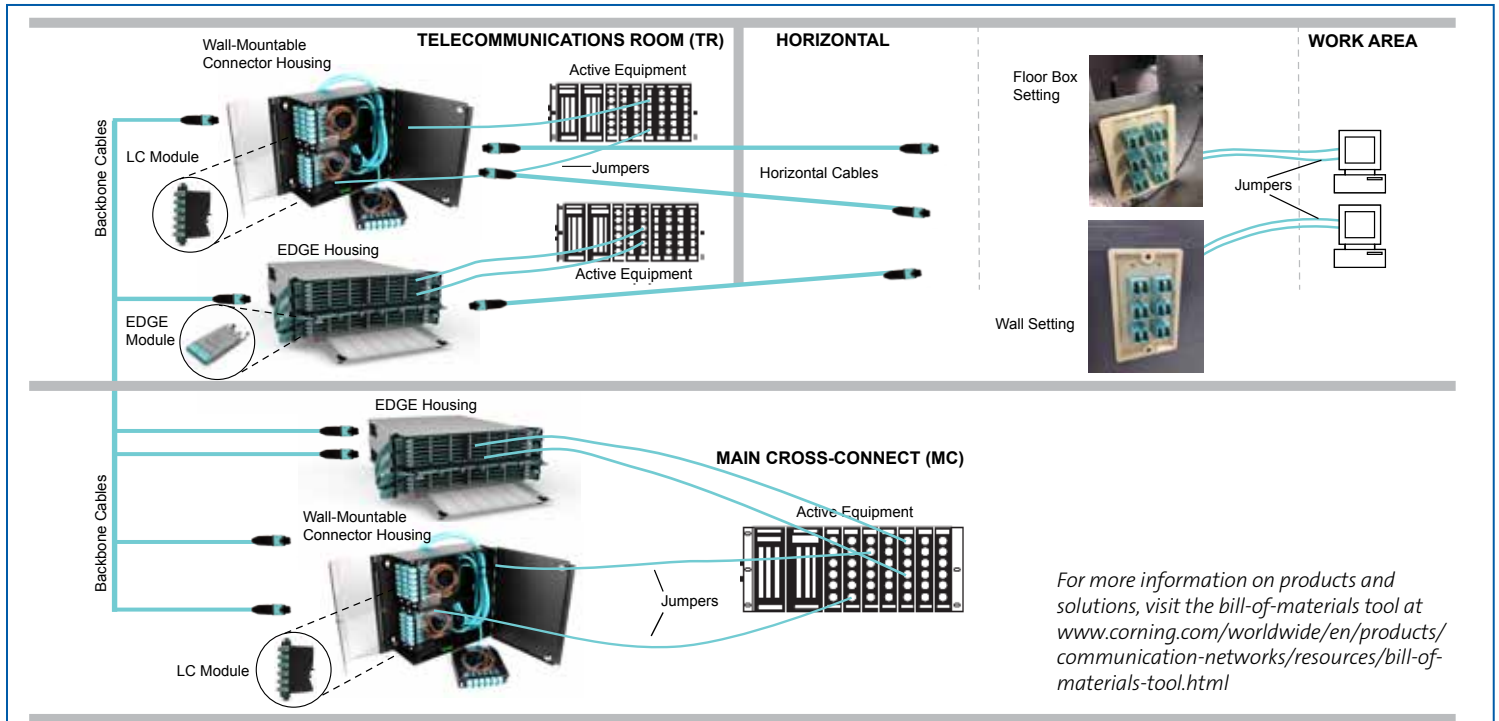
Type	Part Number	Description	Location
Rack*	CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH connector panels or modules	MC and TR
Rack	EDGE8-04U	EDGE8™ Housing, 4U, holds up to 72 EDGE8 modules or panels	MC and TR
Rack*	EDGE-04U	EDGE™ Housing, 4U, holds up to 48 EDGE modules or panels	MC and TR
Ceiling/Floor	FZB-04U	Fiber Zone Box Housing, accepts up to 12 CCH connector panels or modules	TE
Wall	WLLAP-E4E4E4E4	single gang, 4-port angled, with four LC duplex adapters, 50 µm multimode (OM3)	Work Area
Module	CCH-UM24-05-93T	Plug & Play Universal LC Low-Loss Module, 24 fibers, shuttered LC to MTP connector, 50 µm multimode (OM3)	MC, TR, and TE
Module	ECM-UM12-05-93Q	EDGE Module, 12 fibers, LC duplex to MTP® connector, 50 µm multimode (OM4)	MC, TR, and TE
Module	ECM8-UM08-05-E6Q-ULL	EDGE8 Module, 8 fibers, MTP® connector to LC duplex, 50 µm multimode (OM4)	MC, TR, and TE

### Jumpers

Connector Type	Part Number (xxx = length in meters)	Description	Location
LC Duplex	050502T5120xxxM	Fiber Optic Jumper, 2 fibers, LC duplex to LC duplex, 50 µm multimode (OM3), xxx meters	MC, TR, Work Area, and from TE to Desk

\*Three different housing options available for deployment.

# Preterminated FTTD Solution Using Wall-Mount or Floor Box Modules



## Sample Bill of Materials

### Backbone Cabling

Type	Part Number (xx = number of fibers) (xxx = length in feet)	Description	Location
Trunk	A7575xxTPNBBUxxxF	Plug & Play™ Non-Armored Trunk, plenum, xx fibers with 36-in leg length, MTP® (non-pinned) to MTP (non-pinned) connector, pulling grip one side, 50 µm multimode (OM3), xxx feet	MC to TR

### Horizontal Cabling

Type	Part Number (xx = number of fibers) (xxx = length in feet)	Description	Location
Trunk	A7575xxTPNBBUxxxF	Plug & Play Non-Armored Trunk, plenum, xx fibers with 36-in leg length, MTP (non-pinned) to MTP (non-pinned) connector, pulling grip one side, 50 µm multimode (OM3), xxx feet	TR to TE

### Hardware

Type	Part Number	Description	Location
Rack*	WCH-xxx	Wall-Mountable Connector Housing, holds 2-6 CCH connector panels or modules, xxx = panel/module count	MC and TR
Rack*	EDGE8-04U	EDGE8™ Housing, 4U, holds up to 72 EDGE8 modules or panels	MC and TR
Rack*	EDGE-04U	EDGE™ Housing, 4U, holds up to 48 EDGE modules or panels	MC and TR
Floor	MAM-UM12-05A-93AT-F	Floor Box Module, 12 fibers, LC duplex, 50 µm multimode (OM3), aqua	MC, TR, and TE
Wall	MAM-UM12-05A-93AT-J	Wall-Mount Module, 12 fibers, LC duplex, 50 µm multimode (OM3), aqua	MC, TR, and TE

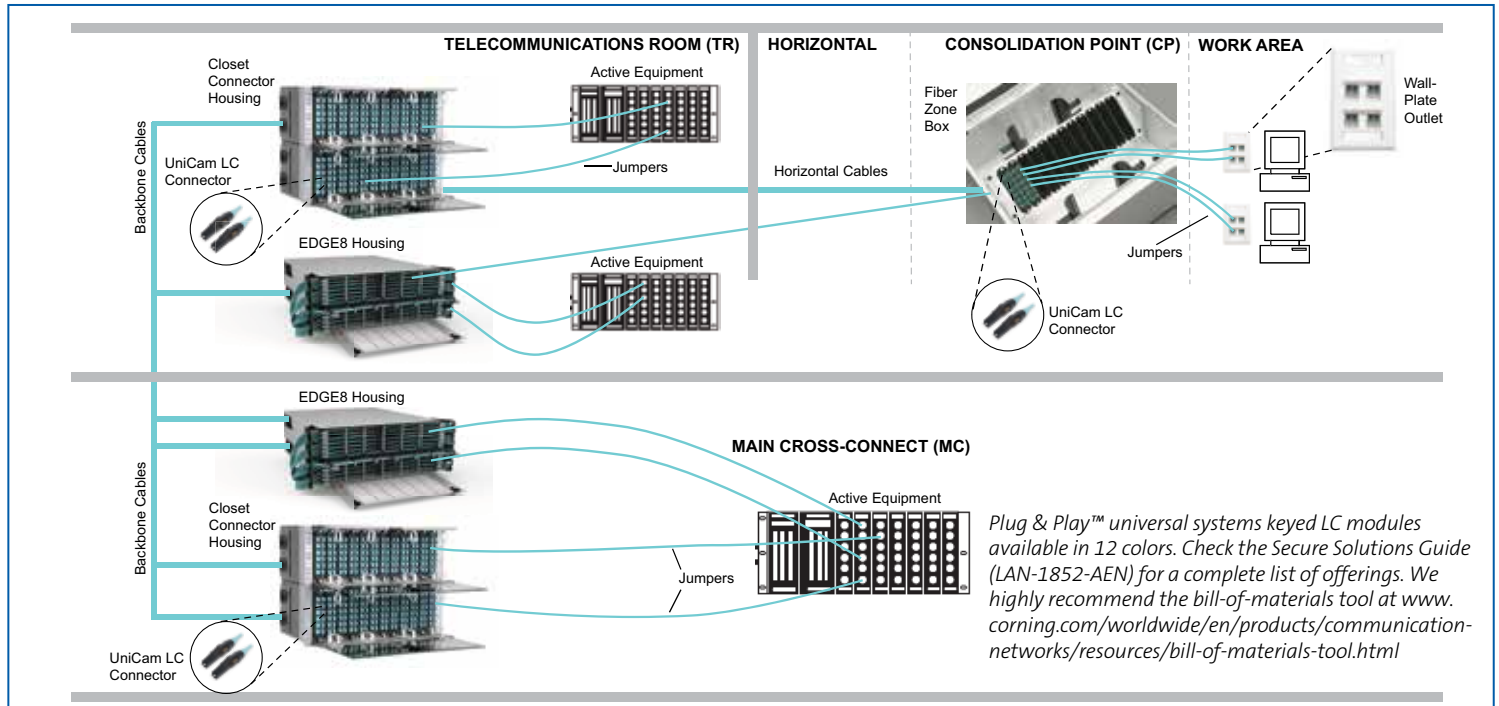
### Jumpers

Connector Type	Part Number (xxx = length in meters)	Description	Location
LC Duplex	050502T5120xxxM	Fiber Optic Jumper, 2 fibers, LC duplex to LC duplex, 50 µm multimode (OM3), xxx meters	MC, TR, Work Area, and from TE to Work Area

\*Three different housing options available for deployment.



# Field-Terminated FTTD Solution Using UniCam® Keyed LC Connectors



## Sample Bill of Materials

### Backbone Cabling

Type	Part Number (xxx = number of fibers)	Description	Location
Indoor	xxxT88-61180-29	MIC® Unitized Cable, plenum, 50 µm multimode (OM3)**	MC to TR

### Horizontal Cabling

Type	Part Number (xxx = number of fibers)	Description	Location
Indoor	xxxT88-61180-29	MIC Unitized Cable, plenum, 50 µm multimode (OM3)**	TR to TE

### Hardware

Type	Part Number	Description	Location
Rack*	CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH connector panels or modules	MC and TR
Rack*	EDGE8-04U	EDGE8™ Housing, 4U, holds up to 72 EDGE8 modules or panels	MC and TR
Rack*	EDGE-04U	EDGE8 Housing, 4U, holds up to 48 EDGE modules or panels	MC and TR
Ceiling/Floor	FZB-04U	Fiber Zone Box Housing, accepts up to 12 CCH connector panels or modules	TE
Wall	WLLAP-K1K1K5K5	Wall-Plate Outlet, single gang, 4-port angled, with two blue keyed and two red keyed LC duplex adapters	Work Area
Keyed Panel	CCH-CP24-xx	Closet Connector Housing (CCH) Panel, with 12 keyed LC duplex adapters	MC, TR, and TE
Panel	EDGE-CP24-E3	EDGE™ Panel, MTP® adapters, 24 fibers, 50 µm multimode (OM3/OM4)	MC, TR, and TE
Panel	EDGE8-CP32-V3	EDGE8 Panel, MTP adapters, 32 fibers, 50 µm multimode (OM4)	MC, TR, and TE

### Connectors

Type	Part Number	Description	Location
Keyed LC	95-05X-xx	UniCam® High-Performance Connector, keyed LC, 50 µm multimode, xx = color	MC, TR, and TE

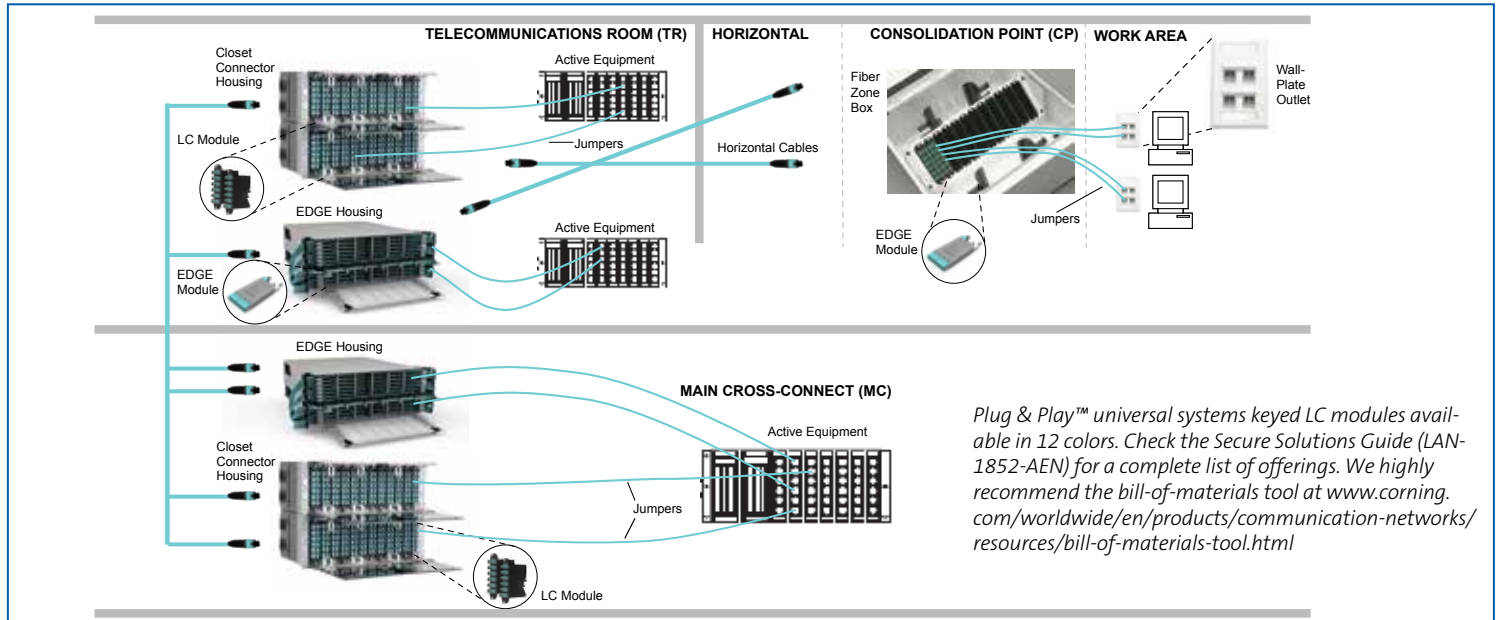
### Jumpers

Connector Type	Part Number (xxx = length in meters)	Description	Location
Keyed LC Duplex	262602T51XxxxM	Keyed Fiber Optic Jumper, 2 fibers, keyed LC duplex to keyed LC duplex, 50 µm multimode (OM3), xxx meters**	MC, TR, and from TE to Work Area

\*Three different housing options available for deployment.

\*\*Colored jackets are available and part numbers are assigned during ordering process.

# Preterminated FTTD Solution Using Plug & Play™ Universal Systems Keyed LC Modules



## Sample Bill of Materials

### Backbone Cabling

Type	Part Number (xx = number of fibers) (xxx = length in feet)	Description	Location
Trunk	A7575xxTPNBBUxxxF	Plug & Play™ Non-Armored Trunk, plenum, xx fibers with 36-in leg length, MTP® (non-pinned) to MTP (non-pinned) connector, pulling grip one side, 50 µm multimode (OM3), xxx feet**	MC to TR

### Horizontal Cabling

Type	Part Number (xx = number of fibers) (xxx = length in feet)	Description	Location
Trunk	A7575xxTPNBBUxxxF	Plug & Play Non-Armored Trunk, plenum, xx fibers with 36-in leg length, MTP (non-pinned) to MTP (non-pinned) connector, pulling grip one side, 50 µm multimode (OM3), xxx feet**	TR to TE

### Hardware

Type	Part Number	Description	Location
Rack*	CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH connector panels or modules	MC and TR
Rack*	EDGE8-04U	EDGE8™ Housing, 4U, holds up to 72 EDGE8 modules or panels	MC and TR
Rack*	EDGE-04U	EDGE™ Housing, 4U, holds up to 48 EDGE modules or panels	MC and TR
Ceiling/Floor	FZB-04U	Fiber Zone Box Housing, accepts up to 12 CCH connector panels or modules	TE
Wall	WLLAP-K1K1K5K5	Wall-Plate Outlet, single gang, 4-port angled, with two blue keyed and two red keyed LC duplex adapters	Work Area
Keyed Module	CCH-UM24-26-70-S-XX	Keyed Module, 24 fibers, 12 keyed LC duplex adapters, 50 µm multimode (OM4)	MC, TR, and TE
Module	ECM-UM12-05-93Q	EDGE Module, 12 fibers, LC duplex to MTP® connector, 50 µm multimode (OM4)	MC, TR, and TE
Module	ECM8-UM08-05-E6Q-ULL	EDGE8™ Module, 8 fibers, MTP® connector to LC duplex, 50 µm multimode (OM4)	MC, TR, and TE

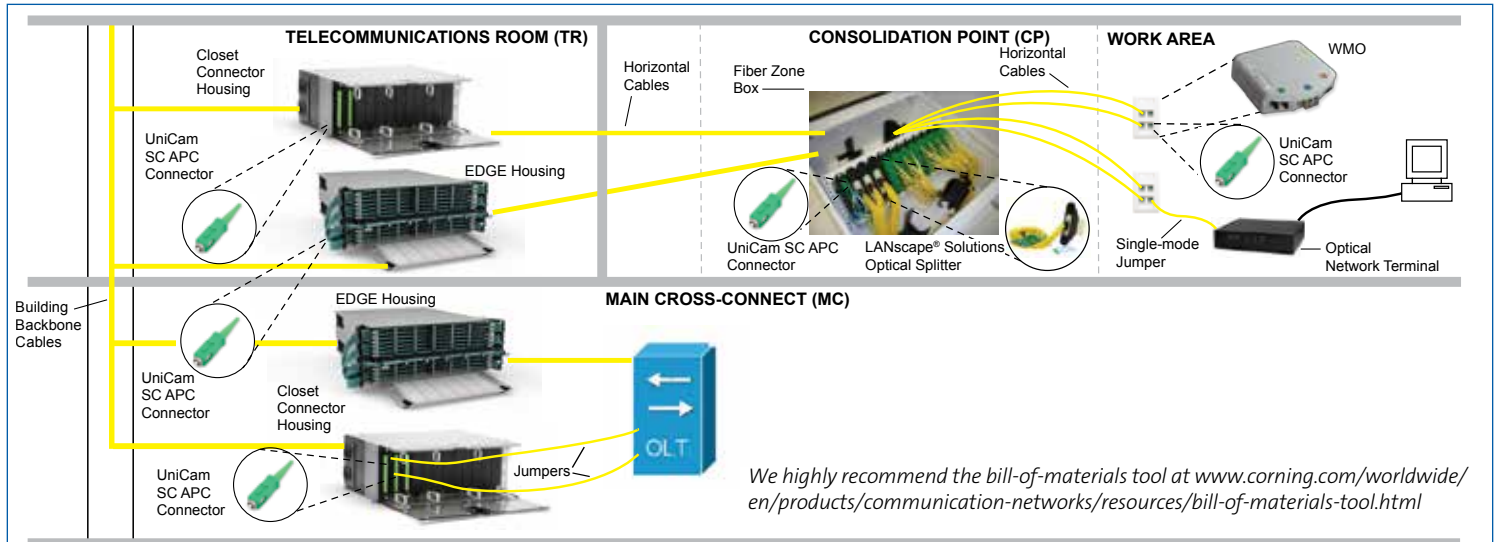
### Jumpers

Connector Type	Part Number (xxx = length in meters)	Description	Location
Keyed LC Duplex	262602T51XXxxxM	Keyed Fiber Optic Jumper, 2 fibers, keyed LC duplex to keyed LC duplex, 50 µm multimode (OM3), xxx meters**	MC, TR, and from TE to Work Area

\*Three different housing options available for deployment.

\*\*Colored jackets are available and part numbers are assigned during ordering process.

# Field-Terminated FTTD Solution Using Passive Optical Solutions for Local Area Networks (Zone Design)



## Sample Bill of Materials

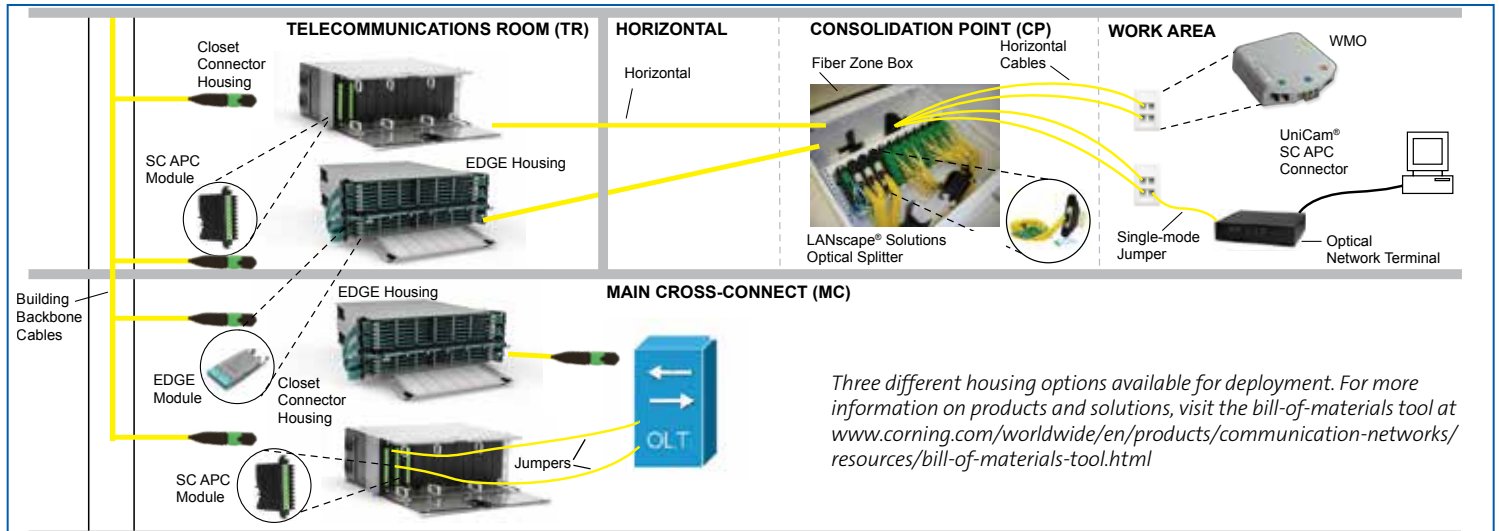
### Backbone Cabling

Type	Part Number (xxx = number of fibers)	Description	Location
Indoor	xxxE88-33131-29	MIC® Cable, plenum, single-mode (OS2)	MC to TR
Horizontal Cabling			
Type	Part Number	Description	Location
Indoor	001U38-31131-29	Single-Fiber Tight-Buffered Cable, plenum, 2.9 mm, Corning® ClearCurve® ZBL fiber, single-mode (OS2)	TR to TE and TE to WLL
Hardware			
Type	Part Number	Description	Location
Rack*	CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH connector panels or modules	MC and TR
Rack*	EDGE8-04U	EDGE8™ Housing, 4U, holds up to 72 EDGE8 modules or panels	MC and TR
Rack*	EDGE-04U	EDGE™ Housing, 4U, holds up to 48 EDGE modules or panels	MC and TR
Wall	WLLAN-6C6C2C2C	Wall-Plate Outlet, single gang, 2-port angled, with two SC APC simplex adapters, single-mode (OS2)	Work Area
Panel	CCH-CP12-6C	Closet Connector Housing (CCH) Panel, 12 fibers, SC APC simplex, single-mode (OS2)	MC, TR, and TE
Panel	EDGE8-CP08-V1	EDGE8 Panel, MTP adapters, 8 fibers, bend-improved single-mode (OS2)	MC, TR, and TE
Panel	EDGE-CP24-90	EDGE Panel, MTP adapters, 24 fibers, bend-improved single-mode (OS2)	MC, TR, and TE
Splitter	CCH-UM1-6CD6CE1132	Closet Connector Housing Splitter Module, 1x32, SC APC with 25-in aqua input pigtail and 32-in yellow output pigtails, single-mode (OS2), indoor only	MC, TR, and TE
	CCH-UM1-6CD6CE1232	Closet Connector Housing Splitter Module, 2x32, SC APC with 25-in aqua input pigtail and 32-in yellow output pigtails, single-mode (OS2), indoor only	TE
Connectors			
Type	Part Number	Description	Location
SC APC	95-200-44	UniCam® Standard-Performance Connector, SC APC, single-mode (OS2)	MC, TR, and TE
Jumpers			
Connector Type	Part Number) (xxx = length in feet)	Description	Location
SC APC	445801UR1Y8xxxF	Fiber Optic Jumper, riser, 1 fiber, SC APC to SC UPC, 2.9 mm, single-mode (OS2), xxx feet	MC
	444401UR1Y8xxxF	Fiber Optic Jumper, riser, 1 fiber, SC APC to SC APC, 2.9 mm, single-mode (OS2), xxx feet	TR and Work Area

\*Three different housing options available for deployment.



# Preterminated FTTD Solution Using Passive Optical Solutions for Local Area Networks (Zone Design)



## Sample Bill of Materials

### Backbone Cabling

Type	Part Number (xx = number of fibers) (xxx = length in feet)	Description	Location
Trunk	A9090xxGPNBBPxxxF	Plug & Play™ Non-Armored Straight-Through Trunk, plenum, xx fibers with 36-in leg length, MTP® (non-pinned) to MTP (non-pinned) connector, pulling grip one side, single-mode (OS2), xxx feet	MC to TR

### Horizontal Cabling

Type	Part Number (xxx = length in feet)	Description	Location
Jumper	444401UR1Y8xxxF	Corning® ClearCurve® Single-Fiber Jumper, plenum, SC APC to SC APC, 2.9 mm, single-mode (OS2), xxx feet	TR to TE and TE to WLL

### Hardware

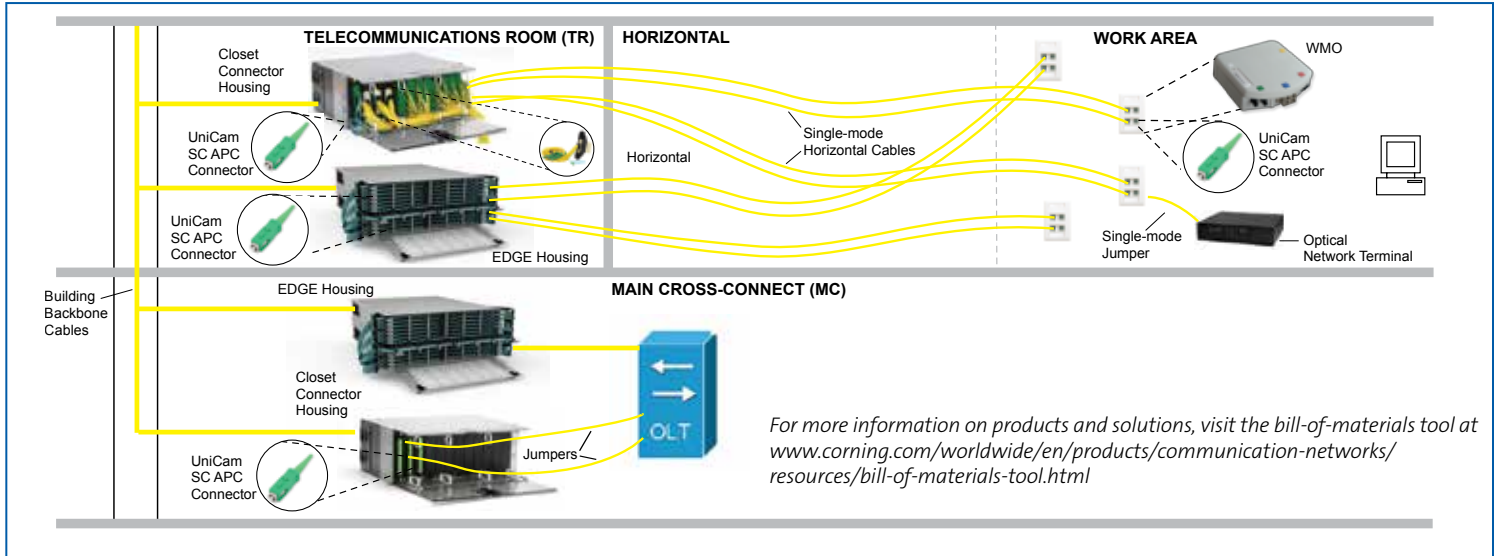
Type	Part Number	Description	Location
Rack*	CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH connector panels or modules	MC and TR
Rack*	EDGE8-04U	EDGE8™ Housing, 4U, holds up to 72 EDGE8 modules or panels	MC and TR
Rack*	EDGE-04U	EDGE™ Housing, 4U, holds up to 48 EDGE modules or panels	MC and TR
Ceiling/Floor	FZB-04U	Fiber Zone Box Housing, accepts up to 12 CCH connector panels or modules	TE
Wall	WLLAN-6C6C6C6C	Wall-Plate Outlet, single gang, 2-port angled, with two SC APC simplex adapters, single-mode (OS2)	Work Area
Module	CCH-UM12-66-89G	Plug & Play Universal Standard-Performance Module, 12 fibers, SC APC, single-mode (OS2)	MC, TR, and TE
Module	ECM8-04E8-GEZB-003M	EDGE8 Port Breakout Module, 8 fibers, ultra-low-loss single-mode (OS2)	MC, TR, and TE
Module	ECM-UM12-04-89G	EDGE Module, 12 fibers, bend-improved single-mode (OS2)	MC, TR, and TE
Panel	CCH-CP12-6C	Closet Connector Housing (CCH) Panel, 12 fibers, SC APC simplex, single-mode (OS2)	TE
Panel	EDGE8-CP08-V1	EDGE8 Panel, MTP adapters, 8 fibers, bend-improved single-mode (OS2)	TE
Panel	EDGE-CP24-90	EDGE Panel, MTP adapters, 24 fibers, bend-improved single-mode (OS2)	TE
Splitter	CCH-UM1-6CD6CE1132	Closet Connector Housing Splitter Module, 1x32, SC APC with 25-in aqua input pigtail and 32-in yellow output pigtails, single-mode (OS2), indoor only	TE

### Jumpers

Connector Type	Part Numbers (xxx = length in feet)	Description	Location
SC APC	445801UR1Y8xxxF	Fiber Optic Jumper, riser, 1 fiber, SC APC to SC UPC, 2.9 mm, single-mode (OS2), xxx feet	MC
	444401UR1Y8xxxF	Fiber Optic Jumper, riser, 1 fiber, SC APC to SC APC, 2.9 mm, single-mode (OS2), xxx feet	TR and Work Area

\*3 Different Housing options available for deployment

# Field-Terminated FTTD Solution Using Passive Optical Solutions for Local Area Networks (Star Design)



## Sample Bill of Materials

### Backbone Cabling

Type	Part Number (xxx = number of fibers)	Description	Location
Indoor	xxxE88-33131-29	MIC® Cable, plenum, single-mode (OS2)	MC to TR

### Horizontal Cabling

Type	Part Number	Description	Location
Indoor	001U38-31131-29	Single-Fiber Tight-Buffered Cable, plenum, 2.9 mm, Corning® ClearCurve® ZBL fiber, single-mode (OS2)	TR to WLL

### Hardware

Type	Part Number	Description	Location
Rack*	CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH connector panels or modules	MC and TR
Rack*	EDGE8-04U	EDGE8™ Housing, 4U, holds up to 72 EDGE8 modules or panels	MC and TR
Rack*	EDGE-04U	EDGE™ Housing, 4U, holds up to 48 EDGE modules or panels	MC and TR
Wall	WLLAN-6C6C2C2C	Wall-Plate Outlet, single gang, 2-port angled, with two SC APC simplex adapters, single-mode (OS2)	Work Area
Panel	CCH-CP12-6C	Closet Connector Housing (CCH) Panel, 12 fibers, SC APC simplex, single-mode (OS2)	MC and TR
Panel	EDGE8-CP08-V1	EDGE8 Panel, MTP adapters, 8 fibers, bend-improved single-mode (OS2)	MC and TR
Panel	EDGE-CP24-90	EDGE Panel, MTP adapters, 24 fibers, bend-improved single-mode (OS2)	MC and TR
Splitter	CCH-UM1-6CD6CE1132	Closet Connector Housing Splitter Module, 1x32, SC APC with 25-in aqua input pigtail and 32-in yellow output pigtails, single-mode (OS2), indoor only	TR

### Connectors

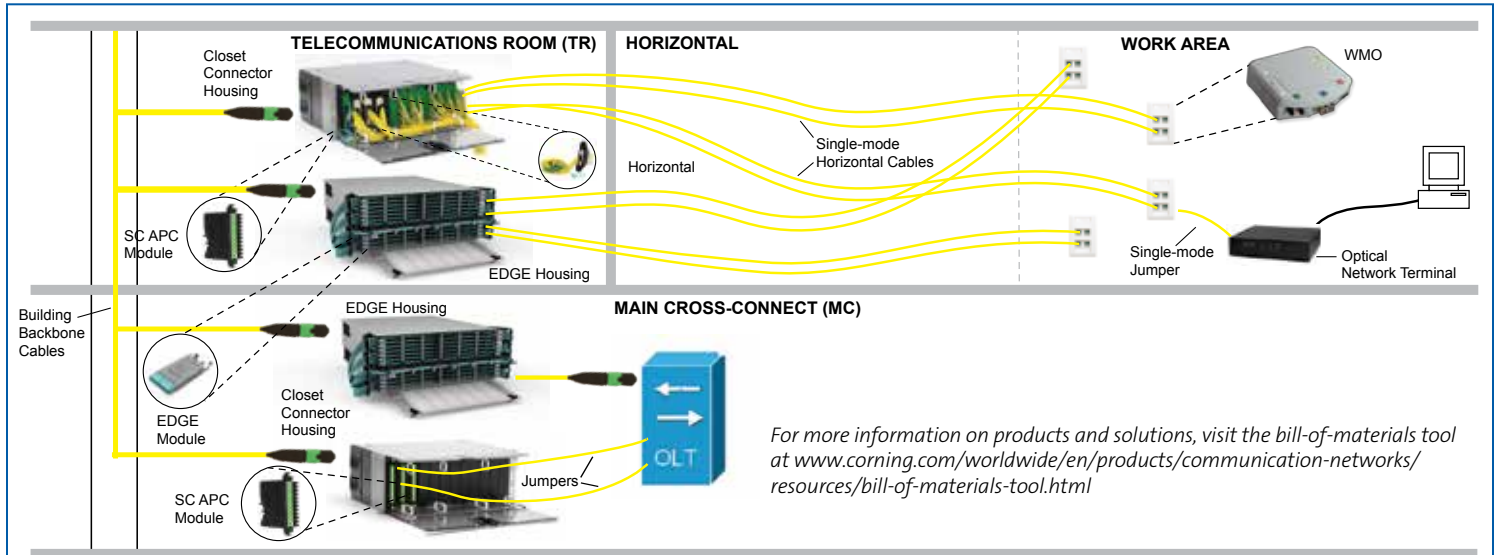
Type	Part Number	Description	Location
SC APC	95-200-44	UniCam® Standard-Performance Connector, SC APC, single-mode (OS2)	MC, TR, and Work Area

### Jumpers

Connector Type	Part Numbers (xxx = length in feet)	Description	Location
SC APC	445801UR1Y8xxxF	Fiber Optic Jumper, riser, 1 fiber, SC APC to SC UPC, 2.9 mm, single-mode (OS2), xxx feet	MC
SC APC	444401UR1Y8xxxF	Fiber Optic Jumper, riser, 1 fiber, SC APC to SC APC, 2.9 mm, single-mode (OS2), xxx feet	TR and Work Area

\*Three different housing options available for deployment.

# Preterminated FTTD Solution Using Passive Optical Solutions for Local Area Networks (Star Design)



## Sample Bill of Materials

### Backbone Cabling

Type	Part Number (xx = number of fibers) (xxx = length in feet)	Description	Location
Trunk	A9090xxGPNBBPxxxF	Plug & Play™ Non-Armored Straight-Through Trunk, plenum, xx fibers with 36-in leg length, MTP® (non-pinned) to MTP (non-pinned) connector, pulling grip one side, single-mode (OS2), xxx feet	MC to TR

### Horizontal Cabling

Type	Part Number (xxx = length in feet)	Description	Location
Jumper	444401UR1Y8xxxF	Corning® ClearCurve® Single-Fiber Jumper, plenum, SC APC to SC APC, 2.9 mm, single-mode (OS2), xxx feet	TR to WLL

### Hardware

Type	Part Number	Description	Location
Rack*	CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH connector panels or modules	MC and TR
Rack*	EDGE8-04U	EDGE8™ Housing, 4U, holds up to 72 EDGE8 modules or panels	MC and TR
Rack*	EDGE-04U	EDGE™ Housing, 4U, holds up to 48 EDGE modules or panels	MC and TR
Wall	WLLAP-6C6C2C2C	Wall-Plate Outlet, single gang, 2-port angled, with two SC APC simplex adapters, single-mode (OS2)	Work Area
Module	CCH-UM12-66-89G	Plug & Play Universal Standard-Performance Module, 12 fibers, SC APC, single-mode (OS2)	MC and TR
Module	ECM-UM12-04-89G	EDGE Module, 12 fibers, bend-improved single-mode (OS2)	MC and TR
Module	ECM8-04E8-GEZB-003M	EDGE8 Port Breakout Module, 8 fibers, ultra-low-loss single-mode (OS2)	MC and TR
Splitter	CCH-UM1-6CD6CE1132	Closet Connector Housing Splitter Module, 1x32, SC APC with 25-in aqua input pigtail and 32-in yellow output pigtails, single-mode (OS2), indoor only	TR

### Jumpers

Connector Type	Part Numbers (xxx = length in feet)	Description	Location
SC APC	445801UR1Y8xxxF	Fiber Optic Jumper, riser, 1 fiber, SC APC to SC UPC, 2.9 mm, single-mode (OS2), xxx feet	MC
	444401UR1Y8xxxF	Fiber Optic Jumper, riser, 1 fiber, SC APC to SC APC, 2.9 mm, single-mode (OS2), xxx feet	TR and Work Area

\*Three different housing options available for deployment.

**Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA  
800-743-2675 • FAX: 828-325-5060 • International : +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)**

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