

# PPC QuikPass™ Solution Overview





## The PPC QuikPass™ Solution:

The PPC QuikPass™ Solution is designed to provide an aesthetically pleasing and simplified solution for fiber-to-the-home (FTTH) applications in multiple-dwelling units (MDUs). Through a range of components and options, the solution offers a versatile, cost-effective installation package to service providers of all types.

The range of options includes a fully-connectorized package that eliminates the need for expensive installation equipment and highly skilled fiber technicians. At the other end of the spectrum, bulk cable and field-splicing kits are available to teams with the proper tools and necessary training to perform a more customized install.



## The Advantages of Versatility

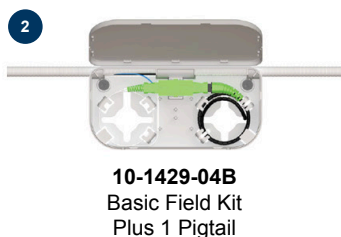
The uniqueness of multi-function residential buildings poses the main challenge of deploying fiber in MDUs. Through a variety of component options, the PPC QuikPass™ meets the MDU challenge head-on.

As a modular FTTH solution, the PPC QuikPass™ gives network planners, installers, and building owners a highly flexible, customizable approach to each application. As a core component of the solution, the PPC QuikPass™ Fiber Entry Box alone offers three connection options to give maximum adaptability.

## PPC QuikPass™ Fiber Entry Box Options

The Fiber Entry Box connects the Distribution Cable to the Customer Drop Cable.

**Basic Field Kit includes:** SC-APC Adapter, 2 Splice Sleeves, 2 Cable Ties, 2 Screws & Anchors.



## PPC QuikPass™: Core Components



**Miniflex®** - crush resistant, grooved cable technology with the full flexibility of a soft-jacketed cable and unrivalled kink resistance



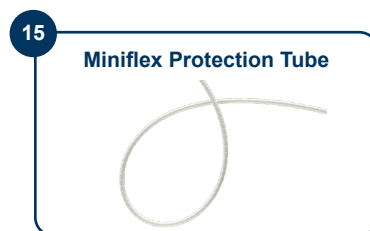
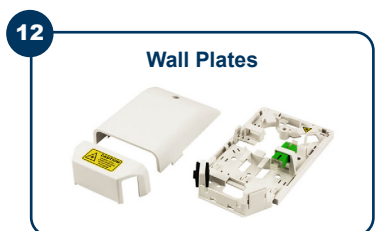
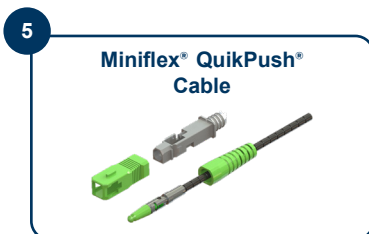
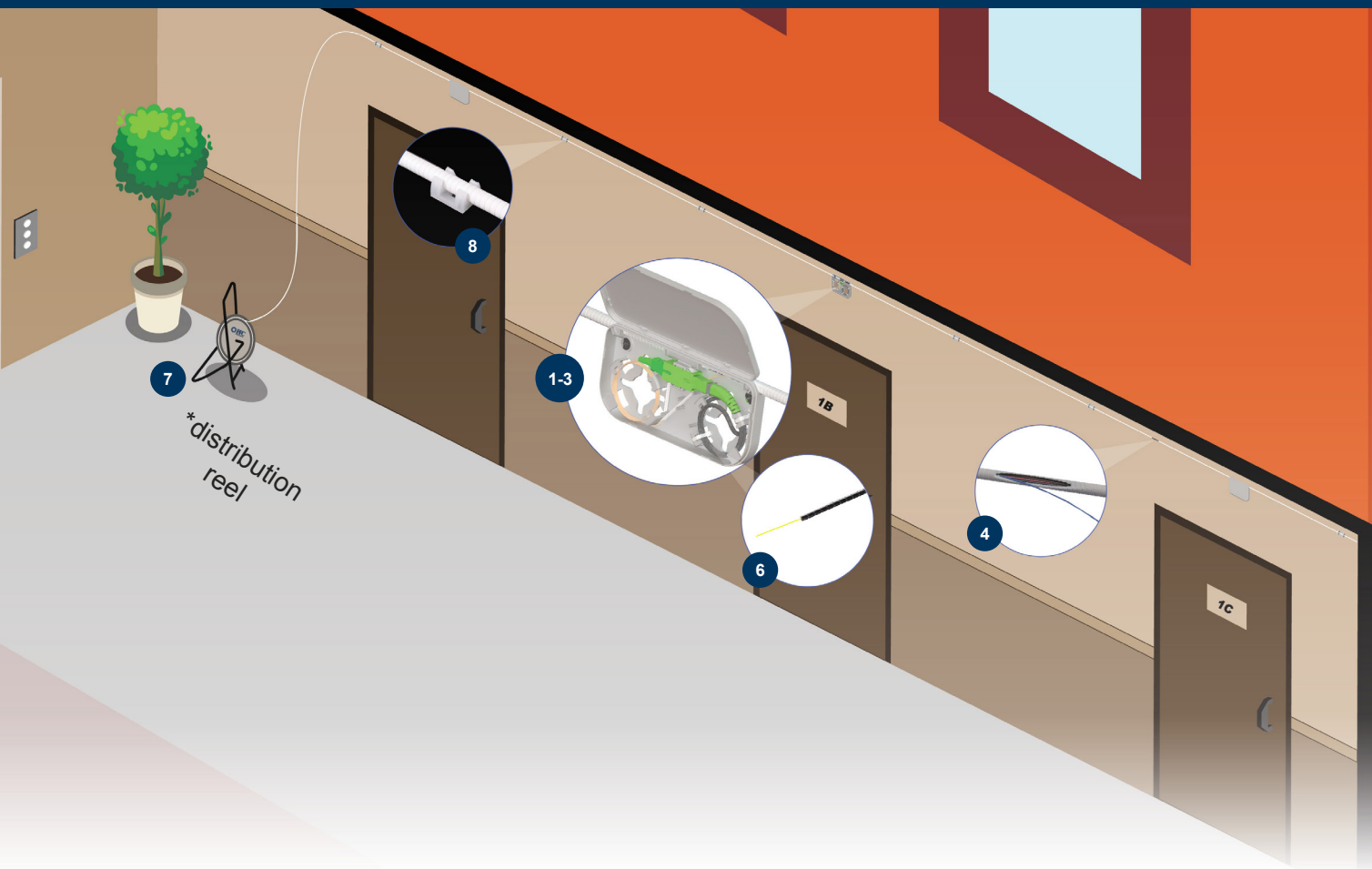
**QuikPush®** - pre-connectorized, pushable Miniflex cable allowing for 80% reduction in drill size compared to industry standard SC/APC connectors



**Low Friction Lining** – increases the length of fiber that can be pulled through the cable and removes the need to splice fibers in the hallway of MDUs



**Field Fit Connectors** – whether the approach is to fusion splice, use ready-connected cables, or mechanically splice, PPC QuikPass™ offers a range of proprietary options to meet any need.



### PPC QuikPass™ Fiber Entry Boxes:

	Part Number	Product Description
1	10-1429-03B	Basic Field Kit (SC-APC Adapter; 2 Splice Sleeves; 2 Cable Ties; 2 Screws & Anchors) + two 657.A2 pigtails
2	10-1429-04B	Basic Field Kit (SC-APC Adapter; 2 Splice Sleeves; 2 Cable Ties; 2 Screws & Anchors) + one 657.A2 pigtail
3	10-1429-05B	Basic Field Kit (SC-APC Adapter; 2 Splice Sleeves; 2 Cable Ties; 2 Screws & Anchors)

### 4 QuikPass™ Distribution Cable - Miniflex® Fiber-in-Duct or Fiber Cable:

Part Number	Type	Jacket Material	Fiber Count	Fiber Size	Fiber Type	Length	UOM / Marking	OD	Color
10-1344	Fiber-in-duct	Riser	12	900µm	A2	1000	M	8mm	White
10-1344FT	Fiber-in-duct	Riser	12	900µm	A2	3280	FT	8mm	White
10-1344FT-1000	Fiber-in-duct	Riser	12	900µm	A2	1000	FT	8mm	White
10-1468	Fiber-in-duct	Riser	24	600µm	A2	1000	M	8mm	White
10-1468FT	Fiber-in-duct	Riser	24	600µm	A2	3280	FT	8mm	White
10-1468FT-1000	Fiber-in-duct	Riser	24	600µm	A2	1000	FT	8mm	White
10-1272FT-1500	Cable	Riser	12	250µm	A1	1500	FT	3mm	White
10-1365FT-1500	Cable	Riser	24	250µm	A1	1500	FT	4mm	White
10-0217FT-1500	Cable	Standard	12	250µm	A1	1500	FT	3mm	Black
10-0235FT-1500	Cable	Standard	24	250µm	A1	1500	FT	4mm	Black

### 5 Miniflex® QuikPush® Cable

Cable Assembly Details			XXX = Length			
Jacket - Material, Type & Color	Fiber - Count, Size & Type	Connector(s) - Type	025 = 25'	050 = 50'	075 = 75'	100 = 100'
2mm, Riser, White	1F, 250µm, A1	SC/APC Balistix™ to Blunt	125 = 125'	150 = 150'	175 = 175'	200 = 200'
		SC/APC Balistix to Standard SC/APC				
3mm, Riser, White	1F, 900µm, A2	SC/APC Balistix to Blunt	QP12RIW21B5NCXXXF			
		SC/APC Balistix to Standard SC/APC	QP12RIW21B5S5XXXF			
	1F, 250µm, A1	SC/APC Balistix to Blunt	QP13RIW92B5NCXXXF			
		SC/APC Balistix to Standard SC/APC	QP13RIW92B5S5XXXF			
3mm, Standard, Black	1F, 900µm, A2	SC/APC Balistix to Blunt	QP13RIW21B5NCXXXF			
		SC/APC Balistix to Standard SC/APC	QP13RIW21B5S5XXXF			
	1F, 250µm, A1	SC/APC Balistix to Blunt	QP13PBB92B5NCXXXF			
		SC/APC Balistix to Standard SC/APC	QP13PBB92B5S5XXXF			
		SC/APC Balistix to Blunt	QP13PBB21B5NCXXXF			
		SC/APC Balistix to Standard SC/APC	QP13PBB21B5S5XXXF			

### 6 Miniflex Bulk Fiber Drop Cable:

Part Number	Type	Jacket Material	Fiber Count	Fiber Size	Fiber Type	Length	UOM / Marking	OD	Color
10-1244FT-1500	Cable	Riser	1	250µm	A1	1500	FT	2mm	White
10-1310FT-1500	Cable	Riser	1	250µm	A1	1500	FT	3mm	White
10-1338FT-1500	Cable	Riser	1	900µm	A2	1500	FT	3mm	White
10-0236FT-1500	Cable	Standard	1	250µm	A1	1500	FT	3mm	Black
10-0225FT-1500	Cable	Standard	1	900µm	A2	1500	FT	3mm	Black

### 7 Miniflex Bulk Fiber Drop Cable Bag or Cable Caddy:

Part Number	Product Description
13535-01-FIBER	Fiber Cable Bag for 1500 ft Miniflex Reels
CC2016B	Fold Up Metal Frame Cable Caddy for Miniflex Reels

## 9 Belden FX Brilliance Universal Mechanical Splice Connectors and Accessories

Part Number	Product Description	Fiber Size	Boot Size
AX105209-S1	FX BR UNIV SC/APC, 900µm, 1/PK	250µmm / 900µmm	900µm
AX105209-B25	FX BR UNIV SC/APC, 900µm, 25/PK	250µm / 900µm	900µm
FTSSB250UB25	FX BR UNIV SC/APC, 250µm, 25/PK	250µm	250µm
FXBUBO250B25N	FX BR 250µm Boot, 25/PK		250µm
AX104271	FX BR Precision Installation Kit		
AX104286	FX BR Precision Cleaver		
AX104283	FX BR VFL W/ Adapter Cords		
AX104276	FX BR Support Handle W/ Adapters		

## 9 Belden FX Fusion Splice Connectors and Accessories

Part Number	Product Description
FXFSTOPTK	Fusion Precision Tool Kit
FXFSTOPCL	Fusion Precision Cleaver
FXFSSHFM1*	Fusion Splice Holder FAM1
FXFSSHFM2*	Fusion Splice Holder FAM2
FTSSB900FS01	SC/APC 900µm Fusion Splice Connector (individual)
FTSSC900FS01	SC/UPC 900µm Fusion Splice Connector (individual)
FTSLB900FS01	LC/APC 900µm Fusion Splice Connector (individual)
FTSLC900FS01	LC/UPC 900µm Fusion Splice Connector (individual)
FXFSTOSLT	Slitter For Jacketed Fiber

\* The Fusion Splice Holder will depend on the brand of the splicer itself. For more info, please reference the [FX Fusion Installtion Tools guide](#)

## PPC QuikPass™ Pigtails

Part Number	Product Description
PTSCAA2-09-TLYE-1	1F Pigtail, 900um 657.A2 SC-APC Short Boot to blunt, 1 meter tight buffer yellow
PTSCAA1-09-TLYE-1	1F Pigtail, 900um 657.A1 SC-APC Short Boot to blunt, 1 meter tight buffer yellow

## Tools & Accessories:

Part Number	Product Description
10-1407	2mm Miniflex Wall Clips, White, 200PK
10-1408	3mm Miniflex Wall Clips, White, 200PK
10-1605	4mm Miniflex Wall Clips, White, 200PK
10-1409	8mm Miniflex Wall Clips, White, 200PK
10-1407-B	2mm Miniflex Wall Clips, Black, 200PK
10-1408-B	3mm Miniflex Wall Clips, Black, 200PK
10-1605-B	4mm Miniflex Wall Clips, Black, 200PK
10-1409-B	8mm Miniflex Wall Clips, Black, 200PK
10-0281	8mm Miniflex Microduct Coupler
PT-x.xx-x.x-xx-xxx-xxx	Miniflex Protection Tube. Available in multiple materials and configurations. <i>Contact sales for more product information</i>
10-0294	Miniflex Cable / Tube Cutter
10-0295	10 Spare Blades, Miniflex Cable / Tube Cutter
QPST-515	Fiber Jacket Shaving Tool
QPST-515-SB	Spare Blade, Fiber Jacket Shaving Tool
10-0291	2-3mm Rotary Cable / Tube Cutter
10-0293	8mm Rotary Cable / Tube Cutter

# 10 PPC QuikPass™ Distribution Boxes:

Terminal & Hub Dimensions
Single Box SFIT-FLs - 10W x 9H x 5D inches
Two Box SFIT-FTs - 10W x 18H x 5D inches
Single Box UCSs - 14W x 14H x 8D inches

Centralized Split			
Fiber Count	Splice Only	Patch Only (Use With Mechanical Connectors Only)	Patch & Splice (Best for SOC's or Pigtailes) Pigtailes Sold Separately
12	SFIT-FL00NSNN (can add second 12/24 splice tray)	SFIT-FL12AXNN	SFIT-FT12AANNO
24	SNID-F600NSNN-02	SFIT-FL24AXNN SFIT-FT24AXNN	SFIT-FT24AANNO
36	UCS-72XSNN-CL	SFIT-FL36AXNN-03 SFIT-FT36AXNN-03	UCS-FS48ASNN-001
48		UCS-FS72AXNN-JB (Comes with 24 bulkhead adapters, additional adapters needed to get to 48 & 72)	UCS-FS72ASNN-001
72			
Accessories	12/24 Add in Splice Tray	Add in Bulkhead Adapters 6 Pack SC/APC	12F (color-coded) 900u Pigtailes
Part Number	SFST-24SFC	ADPSCA6	CA12SCA7A1TB010TIA (1 meter) CA12SCA7A1TB020TIA (2 meter)

Distributive Split (Splitter Enclosures)			
Splitter Ratio	Splice, Split, & Patch includes two 12/24 splice trays, splitter, & output pigtailes (Best for SOC's or Pigtailes)	Patch Only Splitter Enclosure with Splitter Cassette Module (Use With Mechanical Connectors Only)	Split & Patch Splitter Enclosure with mini-splitter (Use With Mechanical Connectors Only)
1x4	SFIT-FT04AGC-003	SFIT-FT04CNN	SFIT-FT04AGC
1x8	SFIT-FT08AGC-003	SFIT-FT08CNN	SFIT-FT08AGC
1x16	SFIT-FT16AGC-003	SFIT-FT16CNN	SFIT-FT16AGC
1x32	SFIT-FT32AGC-003	SFIT-FT32CNN	SFIT-FT32AGC

# 11 ONFR Rated SFCA Cables Blunt to SC-APC connectors (for feeding to Terminals)

Fiber Count	Length		
	100ft	300ft	500ft
12	SFCA-12IL100F	SFCA-12IL300F	SFCA-12IL500F
24	SFCA-24IL100F	SFCA-24IL300F	SFCA-24IL500F

Microduct Nozzles		
Product	8mm Nozzles	10mm Nozzles
4-port SFIT Lower	SFIT-NOZ-MICRO84P	SFIT-NOZ-MICRO104P
24-port SFIT Lower	SFIT-NOZ-MICRO8L	SFIT-NOZ-MICRO10L
24-port SFIT Upper	SFIT-NOZ-MICRO8U	SFIT-NOZ-MICRO10U
24-port Wall Mount	MDO-08-02	MDO-10-02
48-port UCS Lower/Upper	UCS-NOZ-8MM-48	UCS-NOZ-10MM-48

## 12 Wall Plates:

Bulkhead Positioning	SC-APC		SC-UPC	
	1 Port	2 Port	1 Port	2 Port
Internal Bulkhead(s)	CON-13X5-85	CON-133A-85PR	CON-13X5-85U	CON-133A-85PRU
Shuttered Accessible Bulkhead Angled Output	CON-13X6-85		CON-13X6-85U	
Shuttered Accessible Bulkhead(s) Straight Down Output	CON-44X7-85	CON-4447-85AT	CON-44X7-85U	CON-4447-85U
Unshuttered Accessible Bulkhead(s) Straight Down Output	CON-44X7-85NS	CON-4447-85ANS	CON-44X7-85UNS	CON-4447-85UNS
Shuttered Accessible Bulkhead 1-port Double-Gang	CON-21X1-85		CON-21X1-85U	
Empty Wall Plate for Slack Storage or Transition (Blank Inserts)	Empty 2 Port (Angled)	Empty 2 Port (Straight Down)	Empty 6 Port (Straight Down)	
Part Number	CON-13X5-00	CON-4447-85XXX	CON-2221-85	

## 13 PPC QuikPass™ Customer Terminals:

Part Number	Product Description
10-1327	Small Customer Terminal, 3.4 in x 3.4 in x 0.94 in, Holds 6 ft of 3mm Fiber Cable Slack
10-1328	Medium Customer Terminal, 8 in x 4.5 in x 1.4 in, Holds 25 ft of 3mm Fiber Cable Slack
10-1343	Large Customer Terminal, 7 in x 6 in x 1.7 in, Holds 50 ft of 3mm Fiber Cable Slack

## Media Panels

Part Number	Product Description
SME15AP-BASE	15" Media Panel Base
SME15AP-DOOR	15" Media Panel Door
SME30AP-BASE	30" Media Panel Base
SME30AP-DOOR	30" Media Panel Door





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