



1 F ROC Drop, Pushlok to Pushlok

1 F ROC Drop, Pushlok to SC APC

1 F ROC Drop, Pushlok to Pigtail

Pushlok™ hardened connector technology is the key component enabling smaller terminals and drops for FTTx networks than ever before. Designed for use in nearly every access network environment, the terminal is small enough to be placed in existing handholes or pedestals where space is paramount, on building façades, or in aerial networks (pole- or strand-mount). Improved aesthetics improve end-user adoption for façade applications.

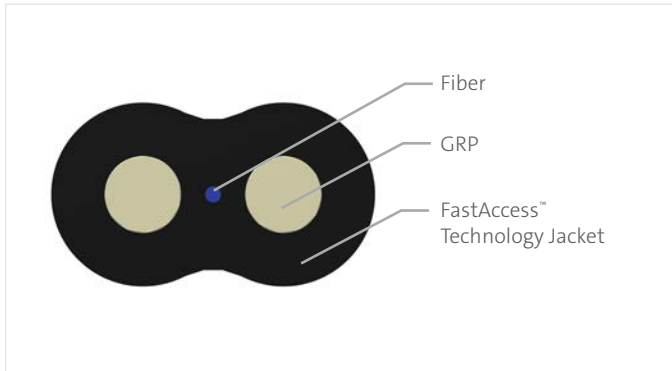
To supplement the new Evolv Terminal portfolio, the Evolv Drop assemblies will also feature Pushlok technology. The Evolv Drop portfolio includes 1 F ROC™ drop cables, 1 F SST-Drop cable, 2 F SST-Drop™ cables, and 4 F SST-Drop cables. SC APC converters, OptiTap® converters, test jumpers, and maintenance extenders are available to support the drop portfolio.

Features	Benefits
Hardened connector technology	Reduced-diameter Pushlok connector.
Flexible connector offerings	Dual-ended or pigtailed versions to accommodate any ONT interface. Hybrid assemblies with hardened connector (terminal) to SC APC (ONT). 1 F & 2 F small cell variants with Pushlok connectors to LC or Uniboot connectors.
Versatile installation environments	Cable variants for aerial (dielectric), duct, and MDU applications.
Dual compatibility	OptiTap and SC APC converters enable users to convert Pushlok connectors into OptiTap and SC APC form factors.

# ROC™ Drop Cable Assembly

Outdoor, flat cable design, dielectric

## Dielectric



As an industry leader in optical connectivity products, Corning designs and manufactures the ROC™ drop cable assembly with factory-terminated, environmentally sealed and hardened connectors to reduce the cost and time of drop cable deployment. Corning hardened connectors provide superior durability and reliability in the drop segment of the network. This assembly also offers significant improvements in cable management.

By featuring the ROC drop cable design, issues of slack storage capacity are virtually eliminated. The ROC drop cable minimum bend radius is half the size of legacy drop cable. The outer dimensions of the cable have been reduced by more than 50%. ROC drop cables are more flexible, allowing for easier routing at the ONT. Installers will see a reduction in truck storage space requirements with this new design.

Features	Benefits
Hardened connector technology	OptiTap® connector, industry standard for existing FTTx networks, or reduced-diameter Pushlok™ connector.
Reduced optimized cable cross-section	Smaller profile and bend radius. Flexibility allows for increased slack storage capacity in existing optical network terminals (ONTs), pedestals, and handholes.
Robust design	Designed for rapid connection to external flush-mounted bulkhead adapters on terminals or closures.
Flexible connector offerings	Dual-ended or pigtailed versions to accommodate any ONT interface. Hybrid assemblies with hardened connector (terminal) to SC APC (ONT) are available with both OptiTap and Pushlok variants. Small cell variants with Pushlok connectors to LC or Uniboot connectors.
Versatile installation environments	Aerial: dielectric, self-supporting at 18 kg installation tension at 50 m (NESC Heavy), 77 m (NESC Medium) or 100 m (NESC Light). Duct: integral pulling eye/connector cap designed for 45 kg maximum pulling tension; OptiTap connector is suitable for 3.2-cm conduit; Pushlok connector is suitable for 13 mm inner diameter duct.

## Standards

Design and Test Criteria	GR-3120
--------------------------	---------

## Pushlok™ Connector Specifications

Insertion Loss, typical	0.15 dB
Reflectance, typical	-0.65 dB
Outer diameter dimensions	12.0 mm (with dust cap)

## Cable Specifications

Axial Pull, plug-to-adapter coupling strength	23 kg
Axial Pull, plug-to-cable, through the dust cap	45 kg
Cold mate/demate	-40°C mechanical testing

## Ordering Information



### 1 Select end one connector.

00 = No Connector  
D1 = Pushlok Connector

### 2 Select input.

D1 = Pushlok Connector  
44 = SC APC Connector, simplex

### 3 Select cable type.

49R = ROC™ 900 µm dielectric cable with FastAccess™ technology  
PFR = ROC dielectric cable, heat-shrink furcation, 2.9 mm leg on simplex connector end with pulling grip  
4R3 = ROC dielectric cable, heat-shrink furcation leg on simplex connector end

### 4 Select cable assembly length (three-digit length) for lengths under 1,000 m. *See Table A for lengths ≥ 1,000 m.*

**Lengths**  
Minimum: 2 m

**Meters lengths**  
2, 3, 5 then 5 m increments

*Note: Contact customer care for extended length offerings.*

### 5 Unit of length.

M = Meters

### 6 Defines packaging.\*

*\*Orders arrive in bulk packaging unless specified. To order individual packaging, please add '-P' to end of part number.*

#### Bulk packaging

Multiple units coiled in a box up to 500 m  
Greater than 500 m ships on a reel.

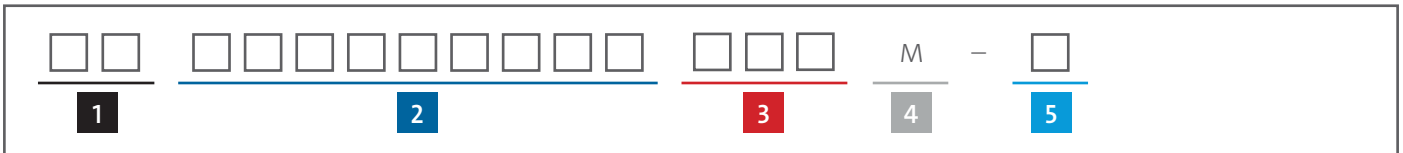
#### Individual packaging

Individual units coiled in a box up to 500 m  
Greater than 500 m ships on a reel.

Table A: Alpha codes for lengths ≥ 1,000 m

A00 = 1,000	C00 = 1,200	F00 = 1,500	J00 = 1,800
B00 = 1,100	D00 = 1,300	G00 = 1,600	K00 = 1,900
	E00 = 1,400	H00 = 1,700	L00 = 2,000

# 1 F Small Cell Drop Ordering Information



**1** End one connector.  
D1 = Pushlok™ Connector

**2** Select input.  
0201JB49R = LC Connector, simplex, on ROC™ Drop  
7801JB4FD = LC Uniboot Connector, simplex, on SST-Drop™

**3** Select cable assembly length (three-digit length) for lengths under 1,000 m *See Table A for lengths ≥ 1,000 m*

**Lengths**  
Minimum: 2 m

**Meters lengths**  
2, 3, 5 then 5 m increments

*Note: Contact customer care for extended length offerings.*

**4** Unit of length.  
M = Meters

**5** Defines packaging.\*

*\*Orders arrive in bulk packaging unless specified. To order individual packaging, please add '-P' to end of part number.*

**Bulk packaging**  
Multiple units coiled in a box up to 500 m  
Greater than 500 m ships on a reel.

**Individual packaging**  
Individual units coiled in a box up to 500 m  
Greater than 500 m ships on a reel.

A00 = 1,000	C00 = 1,200	F00 = 1,500	J00 = 1,800
B00 = 1,100	D00 = 1,300	G00 = 1,600	K00 = 1,900
	E00 = 1,400	H00 = 1,700	L00 = 2,000

## 1 F ROC Drop, Pushlok to LC



## 1 F SST-Drop, Pushlok to Uniboot

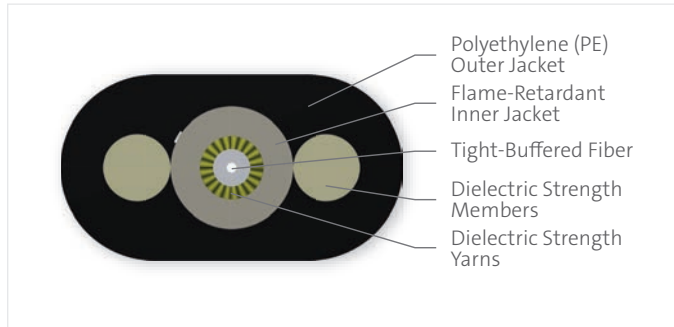


# SST-Drop™ Cable Assembly

Standard Outdoor or Indoor/Outdoor, flat cable design, dielectric

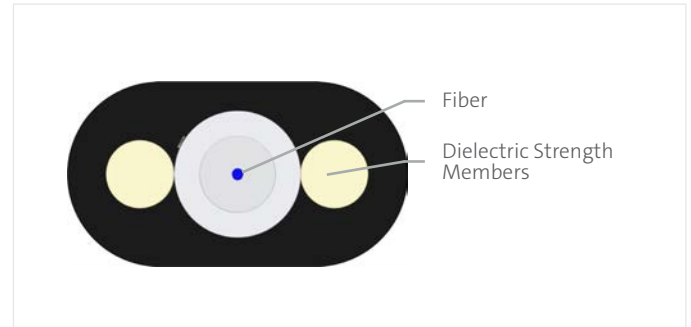
## SST- Drop Indoor/Outdoor Cable

Dielectric



## SST- Drop Outdoor Cable

Dielectric



As an industry leader in optical connectivity products, Corning designs and manufactures the SST-Drop™ cable assembly with factory-terminated, environmentally sealed and hardened connectors to reduce the cost and the time of drop cable deployment in optical access networks. The Pushlok™ drop cable assembly is specifically designed to significantly reduce required drop cable installation.

Features	Benefits
Hardened connector technology	Reduced-diameter Pushlok connector.
Indoor/outdoor drop has flame-retardant inner jacket	Indoor/Outdoor SST-Drop can be leveraged for indoor & outdoor applications
Flexible connector offerings	2 & 4 multifiber drops including pigtail and in-line variants. 2 F small cell variants with Pushlok hardened connectors to LC or Uniboot connectors.
Versatile installation environments	Aerial: dielectric, self-supporting at 18 kg installation tension at 50 m (NESC Heavy), 77 m (NESC Medium) or 100 m (NESC Light).

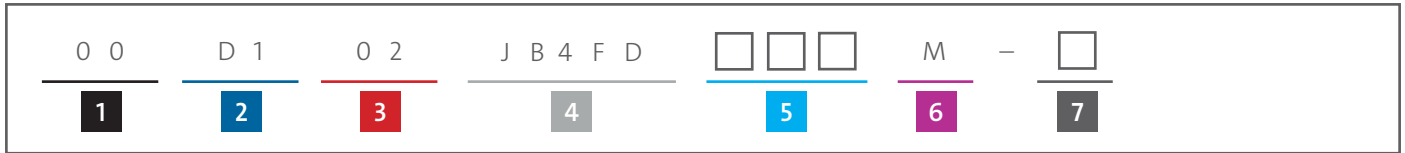
## Standards

Design and Test Criteria	GR-3120
--------------------------	---------

## Pushlok™ Connector Specifications

Insertion Loss, typical	0.15 dB
Reflectance, typical	-0.65 dB
Outer diameter dimensions	12.0 mm (with dust cap)

## 2 F SST-Drop™ Indoor/Outdoor Ordering Information



### 1 End one connector.

00 = No Connector

### 2 Input.

D1 = Pushlok Connector

### 3 Fiber count.

02 = 2 fibers

### 4 Cable type.

JB4FD = SST-Drop cable, dielectric, Pushlok pigtail

### 5 Select cable assembly length (three-digit length)

for lengths under 1,000 m *See Table A for lengths ≥ 1,000 m*

#### Lengths

Minimum: 2 m

#### Meters lengths

2, 3, 5 then 5 m increments

*Note: Contact customer care for extended length offerings.*

### 6 Unit of length.

M = Meters

### 7 Defines packaging.\*

*\*Orders arrive in bulk packaging unless specified. To order individual packaging, please add '-P' to end of part number.*

#### Bulk packaging

Multiple units coiled in a box up to 455 m  
Greater than 460 m ships on a reel.

#### Individual packaging

Individual units coiled in a box up to 150 m  
Greater than 155 m ships on a reel.

Table A: Alpha codes for lengths ≥ 1,000 m

A00 = 1,000	C00 = 1,200	F00 = 1,500	J00 = 1,800
B00 = 1,100	D00 = 1,300	G00 = 1,600	K00 = 1,900
	E00 = 1,400	H00 = 1,700	L00 = 2,000

## 2 F SST-Drop, Indoor/Outdoor, Pushlok Pigtail



## 2 F Small Cell SST-Drop™ Ordering Information



**1** End one connector.  
D1 = Pushlok™ Connector

**2** Select input.  
04 = LC Duplex (for small cell applications)  
78 = LC Uniboot (for small cell applications)

**3** Fiber count.  
02 = 2 fibers

**4** Cable type.  
JB4FD = SST-Drop cable, dielectric, Pushlok to LC or Uniboot connectors

**5** Select cable assembly length (three-digit length) for lengths under 1,000 m *See Table A for lengths ≥ 1,000 m*

**Lengths**  
Minimum: 2 m

**Meters lengths**  
2, 3, 5 then 5 m increments

*Note: Contact customer care for extended length offerings.*

**6** Unit of length.  
M = Meters

**7** Defines packaging.\*  
*\*Orders arrive in bulk packaging unless specified. To order individual packaging, please add '-P' to end of part number.*

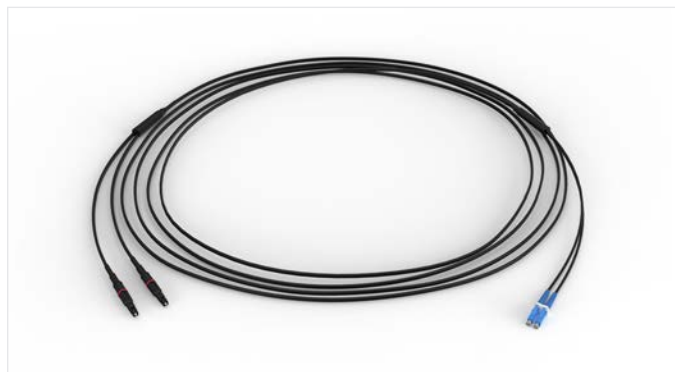
**Bulk packaging**  
Multiple units coiled in a box up to 455 m  
Greater than 460 m ships on a reel.

**Individual packaging**  
Individual units coiled in a box up to 150 m  
Greater than 155 m ships on a reel.

**Table A: Alpha codes for lengths ≥ 1,000 m**

A00 = 1,000	C00 = 1,200	F00 = 1,500	J00 = 1,800
B00 = 1,100	D00 = 1,300	G00 = 1,600	K00 = 1,900
	E00 = 1,400	H00 = 1,700	L00 = 2,000

### 2 F SST-Drop, Outdoor, Pushlok to LC Duplex



### 2 F SST-Drop, Outdoor, Pushlok to Uniboot



## 2 F In-Line SST-Drop™ Ordering Information



**1** End one connector.  
D1 = Pushlok™ Connector

**2** Input.  
48 = In-Line

**3** Fiber count.  
02 = 2 fibers

**4** Cable type.  
EB4FD = SST-Drop cable, dielectric, Pushlok to In-Line

**5** Select cable assembly length (three-digit length) for lengths under 1,000 m. See Table A for lengths ≥ 1,000 m

**Lengths**  
Minimum: 2 m

**Meters lengths**  
2, 3, 5 then 5 m increments

*Note: Contact customer care for extended length offerings.*

**6** Unit of length.  
M = Meters

**7** Defines packaging.\*  
*\*Orders arrive in bulk packaging unless specified. To order individual packaging, please add '-P' to end of part number.*

**Bulk packaging**  
Multiple units coiled in a box up to 455 m  
Greater than 460 m ships on a reel.

**Individual packaging**  
Individual units coiled in a box up to 150 m  
Greater than 155 m ships on a reel.

**Table A: Alpha codes for lengths ≥ 1,000 m**

A00 = 1,000	C00 = 1,200	F00 = 1,500	J00 = 1,800
B00 = 1,100	D00 = 1,300	G00 = 1,600	K00 = 1,900
	E00 = 1,400	H00 = 1,700	L00 = 2,000

### 2 F SST-Drop, Outdoor, Pushlok to In-Line





# 4 F SST-Drop™ Ordering Information



**1** End one connector.  
00 = No Connector

**2** Input.  
D1 = Pushlok™ Connector

**3** Fiber count.  
04 = 4 fibers

**4** Cable type.  
JB4FD = SST-Drop cable, dielectric, Pushlok pigtail

**5** Select cable assembly length (three-digit length) for lengths under 1,000 m *See Table A for lengths ≥ 1,000 m*

**Lengths**  
Minimum: 2 m

**Meters lengths**  
2, 3, 5 then 5 m increments

*Note: Contact customer care for extended length offerings.*

**6** Unit of length.  
M = Meters

**7** Defines packaging.\*

*\*Orders arrive in bulk packaging unless specified. To order individual packaging, please add '-P' to end of part number.*

**Bulk packaging**  
Multiple units coiled in a box up to 455 m  
Greater than 460 m ships on a reel.

**Individual packaging**  
Individual units coiled in a box up to 150 m  
Greater than 155 m ships on a reel.

A00 = 1,000	C00 = 1,200	F00 = 1,500	J00 = 1,800
B00 = 1,100	D00 = 1,300	G00 = 1,600	K00 = 1,900
	E00 = 1,400	H00 = 1,700	L00 = 2,000

## 4 F SST-Drop, Outdoor, Pushlok to Pigtail



## Evolv™ Drop Accessories



### Pushlok™ Drop Cable Assembly Accessory Information

Evolv™ SC Converter with Pushlok™ Technology

Part Number	KT-PL-SHROUD-SC
Description	SC APC shroud for converting Pushlok drop connectors to an SC form factor
Minimum Order Quantity (MOQ)	10

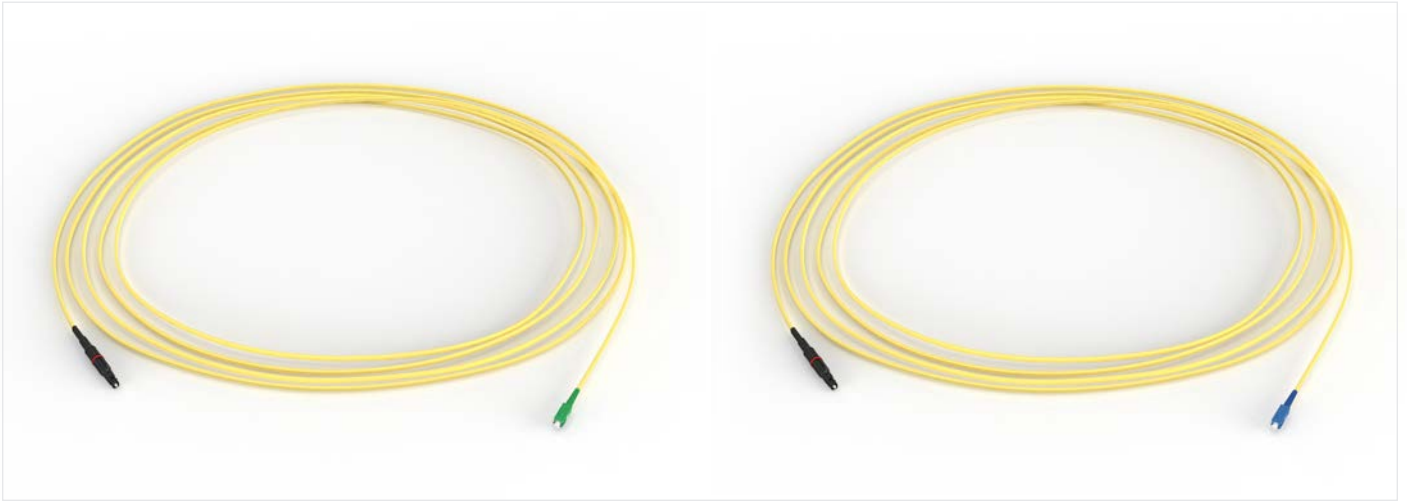


### Pushlok Drop Cable Assembly Accessory Information

Evolv OptiTap® Converter with Pushlok Technology

Part Number	KT-PL-OPT-CONV
Description	OptiTap housing for converting Pushlok drop connectors to an OptiTap form factor
Minimum Order Quantity (MOQ)	10

## Evolv™ Test Jumpers with Pushlok™ Technology



### Accessory Information

#### SC APC Test Jumper

Part Number	D14401E31AJ003M
Description	Evolv Test Jumper with Pushlok Technology, 1 F Pushlok to SC APC simplex, 3 m

#### SC UPC Test Jumper

Part Number	D15801E31AJ003M
Description	Evolv Test Jumper with Pushlok Technology, 1 F Pushlok to SC UPC simplex, 3 m

## Evolv™ Port Cleaner with Pushlok™ Technology



### Accessory Information

#### Evolv Port Cleaner with Pushlok Technology

Part Number	CLEANER-PUSHLOK
Description	The Evolv port cleaner with Pushlok technology is compatible with both Pushlok and OptiTap® connectors and Evolv terminals and multiports. Single-fiber port cleaner accessories are proven effective for removing the following from connector end faces: skin oil, hand lotion, Arizona road dust, pre- and postmate graphite, salt, isopropyl alcohol residue, and distilled water residue. These cleaners are easy to use and offer over 525 cleanings.
Standards	Free of hazardous substances according to RoHs 2011/65/EU

CORNING

Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, GERMANY  
+00 800 2676 4641 • FAX: +49 30 5303 2335 • [www.corning.com/opcomm/emea](http://www.corning.com/opcomm/emea)

Corning Optical Communications reserves the right to improve, enhance, and modify the features and specifications of Corning Optical Communications products without prior notification. A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/trademarks](http://www.corning.com/opcomm/trademarks). All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2020, 2021 Corning Optical Communications. All rights reserved. CRR-1611-A4-BEN / July 2021.