

# Evolv® ROC™ Drop Dielectric Assembly Pushlok® Pigtail, 1000 ft, individual packaging



**Part Number:**  
**00D101EB49RA00F-P**

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.

Pushlok™ connector technology is the next evolution of OptiTap® connector. The new connector design is the key component enabling smaller terminals for FTTX networks than ever before.

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 percent. 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 and Benefits

### Hardened connector technology

Reduced-diameter Pushlok™ connector

### Reduced optimized cable cross-section

ble plus fin et performant

### Robust design

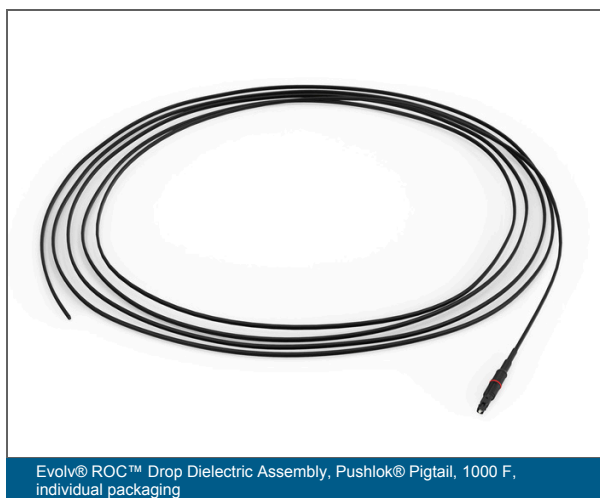
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### Flexible connector offerings

Dual-ended or pigtailed versions to accommodate any ONT interface

### Versatile installation environments

installation



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## Specifications

General Specifications	
Fiber Category	Single-mode (OS2)
Cable Assembly Type	Drop Assemblies
Environment	Outdoor
Application	Aerial
Cable Type	ROC™ dielectric drop
Assembly Insertion Loss	≤ 0.15 dB
Solution	Evolv®
Pulling grip	None
Packaging	Individual Pack
Preconnectorized "Stubbed" Hardware	Yes

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Environmental Conditions	
Temperature Range, Operation	-40 °C to 70 °C (-40 °F to 158 °F )

Mechanical Specifications	
Nominal Outer Diameter	0 mm (0 in )
Cold Mate/Demate	-40 °C (-40 °F)
Axial Pull, Plug to Cable, Through the Dust Cap	444.82 N (100 lb) in axial pull with load applied to the dust cap

Specifications - Connector A	
Reflectance, Typical	> 65 dB (optical return loss)
Insertion Loss, Typical	≤ 0.15 dB

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## Specifications - Connector A

Connector Type	Pigtail
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## Specifications - Connector B

Reflectance, Typical	> 65 dB (optical return loss)
Insertion Loss, Typical	≤ 0.15 dB
Connector Type	Pushlok®

## Furcation - Connector A

Leg Length	0 mm (0 in)
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## Furcation - Connector B

Leg Length	0 mm (0 in)
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## Dimensions

Length	1000 ft
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## Ordering Information

Product Number	00D101EB49RA00F-P
Packaging Method	Box
Units per Delivery	1/1



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