

# Evolv® ROC™ Drop Assembly Pushlok™ Pigtail, dielectric, 250 m, bulk packaging



CORNING

**Part Number:**  
**00D101JB49R250M**

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. The Corning hardened connector provides 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 small diameter and construction of the ROC drop cables allow 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

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### **Reduced optimised cable cross section**

Smaller profile and bend radius; flexibility allows for increased slack storage capacity in existing optical network terminals (ONTs), pedestals, and handholes

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### **Robust design**

Designed for rapid connection to external flush-mounted bulkhead adapters on terminals or closures

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### **Flexible connector offerings**

Dual-ended or pigtailed versions to accommodate any ONT interface; hybrid assemblies with hardened connector (terminal) to SC APC (ONT)

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### **Versatile installation environments**

Aerial: dielectric, self-supporting at 40 lbs installation tension at 150 ft (NESC Heavy), 255 ft (NESC Medium) or 330 ft (NESC Light)

Direct-buried: toneable for easy locating

Duct: integral pulling eye/connector cap designed for 100 lb maximum pulling tension; Pushlok connector is suitable for 13 mm inner diameter duct

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## Specifications

General Specifications	
Fibre category	ClearCurve® LBL
Cable assembly type	Drop Assemblies
Environment	Outdoor
Application	FTTH
Number of pulling grips	0
Cable Type	ROC™ dielectric drop
Connector Assembly Type	Pigtail to Pushlok
Packaging	Bulk Pack
Preconnectorized "Stubbed" hardware	Yes
Solution	Evolv®

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

Design	
Fibre count	1
Outer jacket colour	Black
Fibre Type	Single-mode

Mechanical Characteristics	
Cold mate/demate	-40 °C
Cable length	250 m
Axial pull, plug to cable, through the dust cap	444.82 N (100 lb) in axial pull with load applied to the dust cap

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Specifications - Connector A	
Insertion loss, typical	≤ 0.15 dB
Connector type	Pigtail

Specifications - Connector B	
Insertion loss, typical	≤ 0.15 dB
Insertion loss, max.	0.3 dB
Connector type	Pushlok
Ferrule material	Zirconia

Ordering Information	
Product Number	00D101JB49R250M
Packaging method	Bulk Pack

