

Evolv® ROC™ Drop Assembly Pushlok™ Pigtail, dielectric, 65 m, bulk packaging



CORNING

Part Number:
00D101JB49R065M

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

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

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)

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 | 65 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 | 00D101JB49R065M |
| Packaging method | Bulk Pack |

