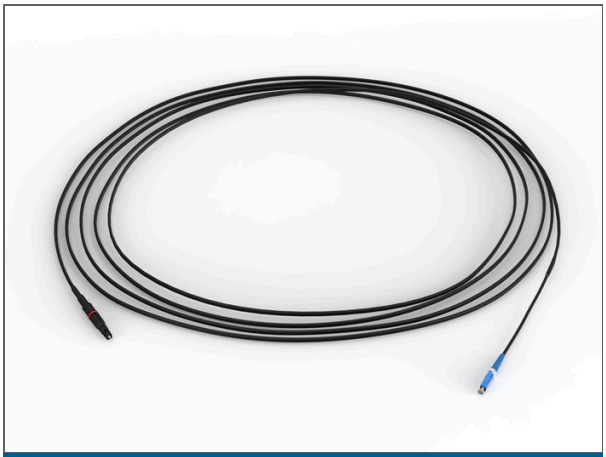
Evolv® ROC™ Drop with Pushlok® Technology 1F Pushlok to LC Simplex, Dielectric, 50 m, individual packaging

Part Number:
D10201JB49R050M-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.



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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) are available with both OptiTap and Pushlok variants 1F small cell variants with a Pushlok hardened connector to LC or Uniboot

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	
Cable Type	ROC Drop
Assembly Insertion Loss	≤ 0.4 dB
Connector Assembly Type	Pushlok LC Simplex
Packaging	Individual Pack

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

Design	
Fibre count	1

Optical Characteristics	
Fibre code	J
Performance option code	22
Fibre category	OS2
Fibre Type	Single-mode (OS2) / 250 µm
Fibre name	ClearCurve® LBL
Maximum Attenuation	0.36 dB/km / 0.36 dB/km / 0.22 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fibre compliance	ITU-T G.652.D and ITU-T G.657.A2/B2
Fibre core diameter	8.2 µm
Cladding diameter	125 µm
Coating diameter	242 µm
Dispersion @ 1550 nm	≤ 18 [ps/(nm*km)]
Dispersion @ 1625 nm	≤ 23 [ps/(nm*km)]
Fibre Bend Performance at 1550nm 7.5mm radius	≤ 0.4 dB/turn

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Optical Characteristics	
Cable cutoff wavelength	1260 nm
Mode-Field Diameter at 1310 nm	8.6 µm
Mode-Field Diameter at 1550 nm	9.6 µm
PMD Link Design Value	≤ 0.06 ps/√km
PMD (Polarization Mode Dispersion) maximum individual fibre	≤ 0.2 ps/√km
Parallel optics 40 gigabit ethernet	150 m / -

Specifications - Connector A	
Insertion loss, max.	0.4 dB
Connector type	Pushlok
Reflectance	≤ -65 dB

Specifications - Connector B	
Insertion loss, max.	0.4 dB
Connector type	LC
Boot type	Simplex
Reflectance	≤ -65 dB

Dimensions	
Length	50 m

Ordering Information	
Product Number	D10201JB49R050M-P
Packaging method	Box
Units per delivery	1/1

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RoHS COMPLIANT

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