

Evolv® Multifiber Pushlok™ Assembly Multifiber Pushlok™ Male pigtail, 12 fibers, SST Drop Toneable, 50 Ft, individual packaging

The Corning logo is a blue square with the word "CORNING" in white, uppercase, sans-serif font.

Part Number:
00T212ZB1D1E050F-P

The Evolv® Multifiber Pushlok™ Assembly is designed for use in outside plant fiber access networks with FlexNAP and MDU and Fiber Distribution terminals. This innovative cable assembly solution provides enhanced design flexibility, increased deployment speed and reduced installation cost.

The Multifiber Pushlok connector is the key enabler for quick connect of up to 12 fibers at a time. The connector is based on the field proven MTP® connector technology encapsulated in a hardened package suitable for use in any environment. A male, female, and terminal port version are easily mated to make a watertight terminal or in-line connection. Factory connectorization and testing ensures reliable, low optical loss on all fibers.

Pushlok assemblies are available with SST-Drop™ Outdoor Cable, FREEDM® Flat Drop Indoor/Outdoor LSZH Cable, or Multifiber Round Drop Cable which allows for easy migration of indoor and outdoor applications. The Pushlok™ Assembly is available with either female or male Pushlok MT Connectors to match your network needs.

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Specifications

General Specifications

Fiber Category	G.652.D
Cable Assembly Type	Multifiber Assembly
Environment	Outdoor
Cable Type	SST-Drop™ toneable
Packaging	Individual Pack
Termination	One end

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Environmental Conditions

Temperature Range, Installation	-30 °C to 70 °C (-22 °F to 158 °F)
Temperature Range, Operation	-40 °C to 70 °C (-40 °F to 158 °F)
Temperature Range, Storage	-40 °C to 70 °C (-40 °F to 158 °F)

Design

Fiber Count	12
Outer Jacket Material	LSZH/FRNC
Polarity	Universal, TIA-568 Type-B
Fiber Type	Single-mode

Mechanical Specifications

Nominal Outer Diameter	4.5 mm
Max. Tensile Strength, Short-Term	1350 N
Max. Tensile Strength, Long-Term	400 N

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Mechanical Specifications

Max. Tensile Strength for Installation	1350 N
Min. Bend Radius Installation	135 mm
Cold Mate/Demate	-40 °C (-40 °F)
Axial Pull, Plug to Cable, Through the Dust Cap	222.41 N (50 lb) in axial pull with load applied to the dust cap

Specifications - Connector A

Polish	PC
Insertion Loss, Max.	0.45 dB
Tensile Strength Jacketed Cable	44 N
Durability	≤ 0.2 dB change, 200 rematings, FOTP-21
Boot Color	Black
Connector Type	No connector
Ferrule Material	Composite
Housing Color	Aqua
Housing Material	Composite
Boot Type	Simplex
Reflectance	≤ -65 dB

Specifications - Connector B

Polish	PC
Insertion Loss, Max.	0.35 dB
Tensile Strength Jacketed Cable	44 N
Durability	≤ 0.2 dB change, 200 rematings, FOTP-21
Boot Color	Black
Connector Type	Multifiber Pushlok
Ferrule Material	Composite
Housing Color	Aqua
Housing Material	Composite

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Specifications - Connector B

Boot Type	Simplex
Reflectance	≤ -20 dB

Furcation - Connector A

Leg Length	1000 mm -0 / +70mm
Furcation Type	Heat Shrink
Leg Color	Aqua
Plug Type	Heat Shrink
Leg Count	1
Plug Height	6 mm
Plug Width	6 mm
Plug Depth	31.75 mm

Furcation - Connector B

Leg Color	Aqua
Furcation Type	Heat Shrink
Plug Type	Heat Shrink
Plug Height	6 mm
Plug Width	6 mm
Plug Depth	31.75 mm

Pulling Grip - Connector A

Grip Outer Diameter	0.7 in
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Pulling Grip - Connector B

Grip Outer Diameter	0.48 in
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Dimensions	
Length	50 ft

Ordering Information	
Product Number	00T212ZB1D1E050F-P
Package Contents	2 trunk holders, test report
Units per Delivery	1/1



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