

Evolv® Multifiber Pushlok® Assembly Multifiber Pushlok® Female to Multifiber Pushlok® Male, 12 fibers, FREEDM LSZH, 50 ft, individual packaging



Part Number:
T1T212ZBZD1X250F-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	
Flame Rating	LSZH (OFN-LS)
Cable Assembly Type	Multifiber Pushlok® Assembly
Environment	Indoor/Outdoor
Cable Type	SST-Drop™ FREEDM LSZH Riser Cable
Packaging	Individual Pack
Termination	Both ends

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

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
Fiber Type	Single-mode

Mechanical Specifications	
Max. Tensile Strength, Short-Term	1350 N (303.49 lbf)
Max. Tensile Strength, Long-Term	400 N (89.92 lbf)
Max. Tensile Strength for Installation	1350 N (303.49 lbf)
Min. Bend Radius Installation	135 mm (5.31 in)
Cold Mate/Demate	-40 °C (-40 °F)

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Mechanical Specifications	
Axial Pull, Plug to Cable, Through the Dust Cap	222.41 N (50 lb) in axial pull with load applied to the dust cap
Nominal Outer Diameter	0 mm (0 in)

Specifications - Connector A	
Insertion Loss, Max.	0.35 dB
Connector Type	Multifiber Pushlok
Reflectance	≤ -65 dB

Specifications - Connector B	
Insertion Loss, Max.	0.35 dB
Connector Type	Multifiber Pushlok
Reflectance	≤ -65 dB

Furcation - Connector A	
Leg Length	0 mm (0 in)

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

Pulling Grip - Connector A	
Grip Outer Diameter	0.69 in

Pulling Grip - Connector B	
Grip Outer Diameter	0.48 in

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Dimensions

Length	0 mm (0 in)
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Ordering Information

Product Number	T1T212ZBZD1X250F-P
Units per Delivery	1/1



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