

Evolv® Terminal with Pushlok® Technology 16 port, 2x8 body, stubbed, MiniXtend, 500 ft

CORNING

Part Number:
DMB8F1MLD1NC500F0P

Pushlok® hardened connector technology is the key component enabling smaller terminals for FTTx networks than ever before. Designed for use in nearly every access network environment, the terminal is small enough to be placed in existing handholes or pedestals where space is paramount, on building facades, or in aerial networks (pole- or strand-mount). Improved aesthetics improve end-user adoption for facade applications. There are two styles of terminals designed to meet various space and density requirements: terminals with one row of adapter ports and terminals with two rows of adapter ports. For terminals with one row of adapter ports, the ports are aligned in a single row with the input stub on the left and 2-, 4-, 6- or 8-distribution ports on the right. For terminals with two rows of ports, the input stub is on the front left of the terminal and there are 6-, 8-, 12- or 16- distribution ports. Each port's corresponding release button is actuated to remove the dust cap or drop. When installing drops, the keyed ports provide an audible and physical positive feedback minimizing technician variation and potential damage due to mishandling.

Features and Benefits

Pushlok™ cable assembly connector ports for customer drop terminations

Lower installation cost and increased speed of connection

Standard and integrated splitter terminal options

Durability

Solution supports various architecture types

Durability

100 lb cable tensile strength

Available stubbed or preterminated with OptiTip® multifiber connector technology

Compatible with existing FlexNAP™ installations

Small form factor optimizes space in pedestals/handholes

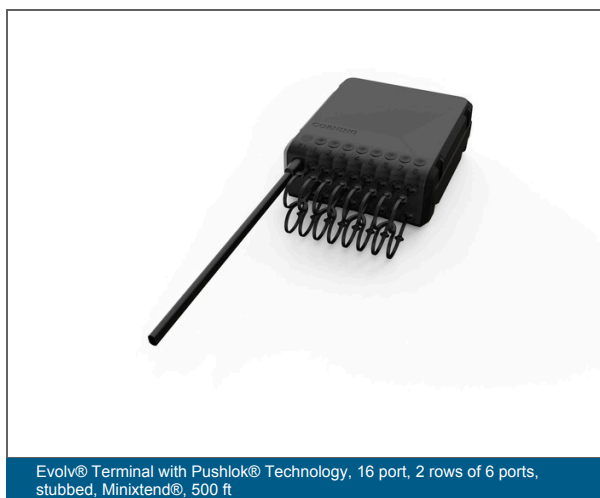
Lower profile overall with drop entry ports on bottom

Ultrasonically welded housing

Eliminates water ingress potential and prevents unwanted entry in the field

Factory-terminated polished connectors

Eliminates loss associated with excess fusion splices



Evolv® Terminal with Pushlok® Technology, 16 port, 2 rows of 6 ports, stubbed, MiniXtend®, 500 ft

Evolv® Terminal with Pushlok® Technology 16 port, 2x8 body, stubbed, MiniXtend, 500 ft



Specifications

General Specifications	
Product Type	Terminals
Environment	Outdoor
Cable Type	MiniXtend®
Fiber Category	ITU-TG.652.D (OS2)
Packaging	Individual Pack
Preconnectorized "Stubbed" Hardware	No
Lockable	No
Cable type stubbed	SST Drop Cable
Mounting Type	Strand mount, Pole-mount, Pedestal mount, Handhole Mount
Splice option	No
Technology	Pushlok®

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Design and Test Criteria	IP68

Environmental Conditions	
Temperature Range, Operation	-40 °C to 85 °C (-40 °F to 185 °F)
Temperature Range, Storage	-40 °C to 85 °C (-40 °F to 185 °F)

Design	
Fiber Count	16
Input Fiber Count	16
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Fibers per Port	1

Evolv® Terminal with Pushlok® Technology 16 port, 2x8 body, stubbed, MiniXtend, 500 ft



Design	
Number of single-fiber ports, SC APC connector	16
Housing Material	Plastic
Pigtail Length	500 ft
Adapter Color Front	Black
Adapter Type Front	Pushlok®
Input Cable Type	MiniXtend®
Locking Availability	No
Sealing Type	Welded
Housing Color	Black
Color	Black
Product Family	Evolv®
Number of Fibers in Input Cable	16
Number of Ports	16

Design - Adapter	
Housing Color	Black
Housing Material	Plastic
Adapter Type	Pushlok®

Mechanical Specifications	
Cold Mate/Demate	-40 °C (-40 °F)
Cable Length	500 ft

Optical Specification - Hardware	
Module Insertion Loss, Max	0.5 dB
Reflectance, Maximum	65 dB

Evolv® Terminal with Pushlok® Technology 16 port, 2x8 body, stubbed, MiniXtend, 500 ft



Connector Specs

Polish	APC
Housing Color	Black
Housing Material	Plastic

Specifications - Connector A

Connector Type	Pushlok®
Housing Color	Black
Polish	APC
Housing Material	Plastic
Endface Type	SC APC
Insertion Loss, Max.	0.5 dB
Reflectance	> 65 dB
Insertion Loss, Typical	≤ 0.15 dB

Dimensions

Length	500 ft
Height	134 mm (5.28 in)
Width	58 mm (2.28 in)
Weight	0.59 kg

Ordering Information

Product Number	DMB8F1MLD1NC500F0P
Packaging Method	Reel
Units per Delivery	1/1
Shipping Height	846 mm (33.31 in)
Shipping Width	846 mm (33.31 in)
Shipping Depth	178 mm (7.01 in)

Evolv® Terminal with Pushlok® Technology 16 port, 2x8 body, stubbed, MiniXtend, 500 ft

CORNING



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2024 Corning Optical Communications. All rights reserved.