

Evolv® Terminal with Pushlok® Technology 16 port, 2x8 body, stubbed, SST Dielectric, 50 ft

CORNING

Part Number:
DMB8F1FDD1NC050F0P

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

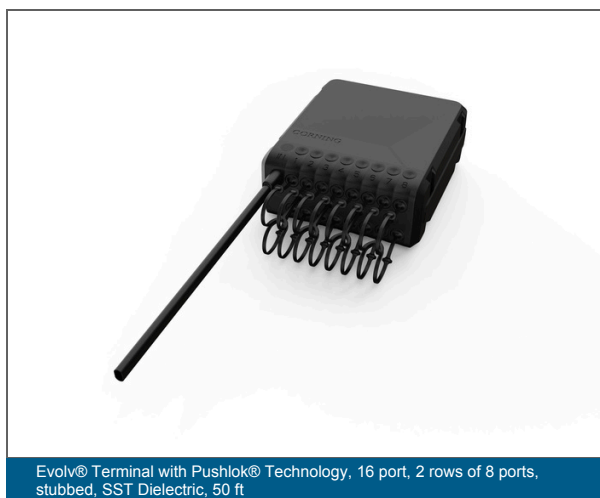
Lower profile overall with drop entry ports on bottom

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 8 ports, stubbed, SST Dielectric, 50 ft

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Specifications

General Specifications	
Product Type	Terminals
Environment	Outdoor
Cable Type	SST Flat Dielectric Drop
Fiber Category	ITU-TG.652.D (OS2)
Packaging	Individual Pack
Preconnectorized "Stubbed" Hardware	No
Mounting Type	Strand-mount, Pole-mount, Pedestal-mount, Handhole Mount
Splice option	No
Application	Fiber to the Premises

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

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	
Lockable	No
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
Number of single-fiber ports, SC APC connector	16
Housing Material	Plastic

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Design

Pigtail Length	50 ft
Adapter Type Master Level	Plastic
Adapter Color Front	Black
Adapter Type Front	Pushlok
Input Cable Type	SST Flat Dielectric Drop
Sealing Type	Welded
Housing Color	Black
Color	Black
Product Family	Evolv
Number of Ports	16

Design - Adapter

Housing Color	Black
Adapter Style	APC
Adapter Type	Pushlok

Mechanical Specifications

Cold Mate/Demate	-40 °C (-40 °F)
Cable Length	50 ft

Optical Specification - Hardware

Module Insertion Loss, Max	0.5 dB
Reflectance, Maximum	> 65 dB

Connector Specs

Polish	APC
Housing Color	Black

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Connector Specs

Housing Material	Plastic
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Specifications - Connector A

Connector Type	Pushlok
Polish	APC
Insertion Loss, Max.	0.50 dB
Insertion Loss, Typical	0.15 dB

Dimensions

Length	50 ft
Height	529 mm (20.83 in)
Width	2.3 mm (0.09 in)
Depth	606 mm (23.86 in)
Weight	1.31 kg

Ordering Information

Product Number	DMB8F1FDD1NC050F0P
Packaging Method	Box
Shipping Height	30 mm (1.18 in)
Shipping Width	30 mm (1.18 in)
Shipping Depth	598 mm (23.54 in)
Units per Delivery	1/1



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