

# Evolv® Terminal with Pushlok® Technology 8 port, stubbed, SST Dielectric, 50 m

CORNING

**Part Number:**  
**DMA8F1FDD1NC050M0P**

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**

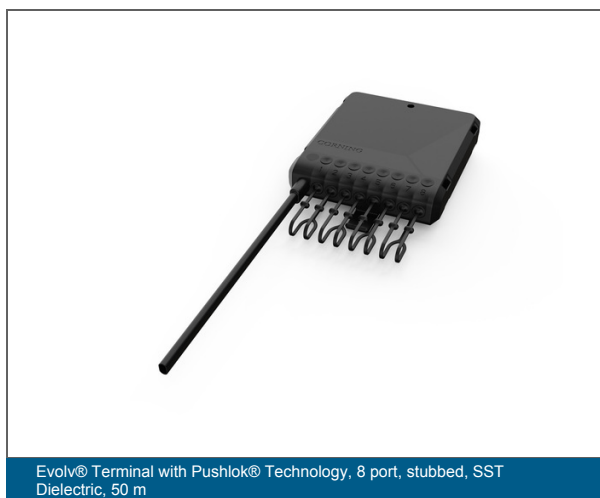
Lower profile overall with drop entry ports on bottom

### **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



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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
Cable type stubbed	SST Drop Cable
Mounting Type	Strand-mount, Pole-mount, Pedestal-mount, Handhole Mount
Splice option	No
Application	Fiber to the Premises
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	
Lockable	No
Fiber Count	8
Input Fiber Count	8
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black

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Design	
Fibers per Port	1
Number of single-fiber ports, SC APC connector	8
Housing Material	Plastic
Pigtail Length	50 m
Input Cable Type	SST Flat Dielectric Drop
Sealing Type	Welded
Housing Color	Black
Pigtail Type	Dielectric
Number of Fibers in Input Cable	8
Number of Ports	8

Design - Adapter	
Adapter Type	Pushlok

Mechanical Specifications	
Cold Mate/Demate	-40 °C (-40 °F)
Cable Length	50 m

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

Connector Specs	
Polish	APC
Housing Color	Black
Housing Material	Plastic

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Specifications - Connector A	
Connector Type	Pushlok
Housing Color	Black
Polish	APC
Housing Material	Plastic
Endface Type	APC
Insertion Loss, Max.	0.50 dB
Reflectance	> 65 dB
Insertion Loss, Typical	0.15 dB

Dimensions	
Height	30 mm
Width	134 mm
Depth	152 mm
Weight	2.5 kg

Ordering Information	
Product Number	DMA8F1FDD1NC050M0P
Packaging Method	Box
Shipping Weight	2.8 kg
Shipping Height	762 mm
Shipping Width	762 mm
Shipping Depth	152 mm
Units per Delivery	1/1

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