

Evolv® Terminal with Pushlok® Technology 8 port, stubbed, SST Dielectric, 250 m

CORNING

Part Number:
DMA8F1FDD1NC250M0P

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

Solution supports various architecture types

Durability

45 kg cable tensile strength

Available stubbed or preterminated with OptiTip® multifiber connector technology

Compatible with existing FlexNAP™ installations

Small form factor optimises space in pedestals/handholes

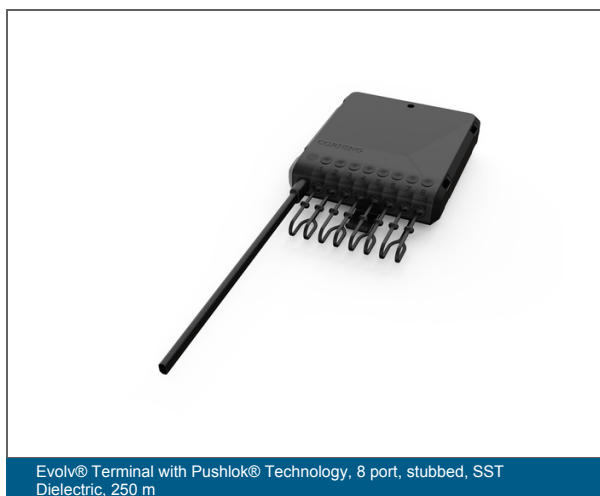
Lower profile overall with drop entry ports on bottom

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
Fibre 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 (FTTP)
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
Temperature range, storage	-40 °C to 85 °C

Design	
Lockable	No
Fibre count	8
Input fibre count	8
Fibre colouring	Blue, orange, green, brown, grey, white, red, black

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Design

Fibres per port	1
Number of single-fibre ports, SC APC connector	8
Housing material	Plastic
Pigtail length	250 m
Input cable type	SST Flat Dielectric Drop
Sealing type	Welded
Housing colour	Black
Pigtail type	Dielectric
Number of fibres in input cable	8
Number of ports	8

Design - Adapter

Adapter type	Pushlok
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Mechanical Characteristics

Cold mate/demate	-40 °C
Cable length	250 m

Optical Specification - Hardware

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

Connector Specs

Polish	APC
Housing colour	Black
Housing material	Plastic

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Specifications - Connector A	
Connector type	Pushlok
Housing colour	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	178 mm
Weight	9.35 kg

Ordering Information	
Product Number	DMA8F1FDD1NC250M0P
Packaging method	Reel
Shipping weight	9 kg
Shipping Height	846 mm
Shipping Width	846 mm
Shipping Depth	178 mm
Units per delivery	1/1

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