

Evolv® Terminal with Pushlok® Technology Evolv® Terminal, 16 port, 2x8 body, stubbed, SST Dielectric, 150 m

CORNING

Part Number:
DMB8F1FDD1NC150M0P

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

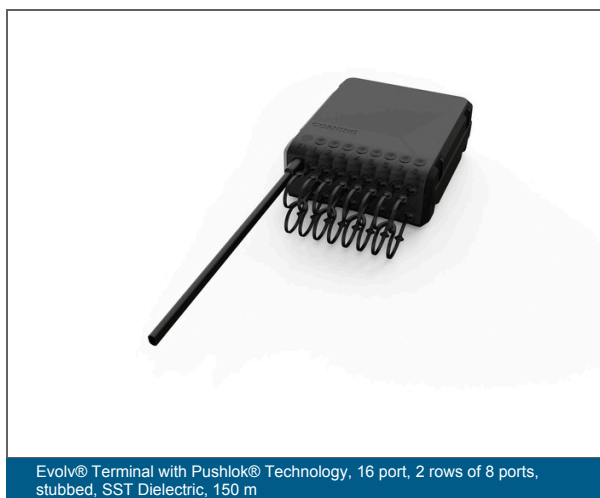
Lower profile overall with drop entry ports on bottom

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



Evolv® Terminal with Pushlok® Technology, 16 port, 2 rows of 8 ports, stubbed, SST Dielectric, 150 m

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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
Mounting Type	Strand mount, Pole-mount, Wall-mount, Pedestal mount, Handhole mount
Splice option	No
Application	Fiber to the Premises (FTTP)

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

Environmental Conditions	
Temperature range, operation	-40 °C to 85 °C
Temperature range, storage	-40 °C to 85 °C

Design	
Lockable	No
Fibre count	16
Input fibre count	16
Fibre colouring	Blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise
Fibres per port	1
Number of single-fibre ports, SC APC connector	16
Housing material	Plastic

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Design	
Pigtail length	150 m
Adapter type master level	Plastic
Adapter colour front	Black
Adapter type front	Pushlok
Input cable type	SST Flat Dielectric Drop
Sealing type	Welded
Housing colour	Black
Colour	Black
Product family	Evolv
Number of ports	16

Design - Adapter	
Adapter housing colour	Black
Adapter style	APC
Adapter type	Pushlok

Mechanical Characteristics	
Cold mate/demate	-40 °C
Cable length	150 m
Input Cable Length	150 m

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

Connector Specs	
Polish	APC

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Connector Specs	
Housing colour	Black
Housing material	Plastic

Specifications - Connector A	
Connector type	Pushlok
Polish	APC
Insertion loss, max.	0.50 dB
Insertion loss, typical	0.15 dB

Specifications - Connector B	
Insertion loss, max.	0.50 dB

Dimensions	
Height	1345 mm
Width	58.5 mm
Weight	0.4 kg

Ordering Information	
Product Number	DMB8F1FDD1NC150M0P
Packaging method	Reel in a Box
Shipping Height	846 mm
Shipping Width	846 mm
Shipping Depth	178 mm
Units per delivery	1/1

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