

Evolv® Terminal with Pushlok® Technology 6 port, preconnectorized OptiTip® stub, SST Dielectric, 50 ft

CORNING

Part Number:
DFA6F1FDD1M1050F0P

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	Yes
Lockable	No
Cable type stubbed	SST Drop Cable
Mounting Type	Strand mount, Pole-mount, Pedestal mount, Handhole Mount
Splice option	No
Application	FTTx
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	6
Input Fiber Count	6
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White

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Design	
Fibers per Port	1
Number of single-fiber ports, SC APC connector	6
Housing Material	Plastic
Pigtail Length	50 ft
Input Cable Type	SST Flat Dielectric Drop
Locking Availability	No
Sealing Type	Welded
Housing Color	Black
Number of Fibers in Input Cable	6
Number of Ports	6

Design - Adapter	
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

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Specifications - Connector A

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

Specifications - Connector B

Connector Type	Pushlok®
Housing Color	Black
Polish	APC
Housing Material	Plastic
Insertion Loss, Max.	0.5 dB

Dimensions

Length	50 ft
Height	30 mm (1.18 in)
Width	134 mm (5.28 in)
Depth	152 mm (5.98 in)
Weight	1.36 kg

Ordering Information

Product Number	DFA6F1FDD1M1050F0P
Packaging Method	Box
Shipping Weight	1.36 kg
Units per Delivery	1/1
Shipping Height	762 mm (30 in)

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Ordering Information

Shipping Width	762 mm (30 in)
Shipping Depth	152 mm (5.98 in)



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