Evolv® Splitter Terminal with Pushlok™ Technology 4 port, unstubbed, 1x4 splitter

CORNING

Part Number:
DSH4F100D1NC000S0P

Evolv® Splitter Terminals with Pushlok™ technology offers the smaller terminals for FTTX networks than ever before. The Pushlok connector is half the size of industry leading hardened connectors and enables terminal sizes up to one quarter of the size of traditional terminals. Designed for use in distributed split access networks, 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. Unstubbed units have an input port for a single Pushlok drop assembly to provide signal source with subscriber adapter ports aligned in a single row on the right. Each port's corresponding release button is actuated to remove 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
100 lb cable tensile strength

Available stubbed or preterminated with OptiTip® multifibre 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® HC Splitter Terminal with Pushlok™ Technology, 4 port, unstubbed, 1x4 splitter

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Specifications

General Specifications	
Product type	Terminals
Environment	Outdoor
Fibre category	ITU-TG.652.D (OS2)
Packaging	Individual Pack
Preconnectorized "Stubbed" hardware	No
Lockable	No
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	IP 68

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

Design	
Input fibre count	1
Fibre colouring	Blue, orange, green, brown
Fibres per port	1
Number of single-fibre ports, SC APC connector	4
Housing material	Plastic

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Design	
Polish	APC
Locking availability	No
Sealing type	Welded
Housing colour	Black
Fibre Capacity	4
Number of fibres in input cable	4
Number of ports	4

Design - Adapter	
Adapter type	Pushlok

Mechanical Characteristics	
Cold mate/demate	-40 °C

Optical Specification - Hardware	
Module Insertion Loss, Max	8 dB
Reflectance, maximum	55 dB

Connector Specs	
Housing colour	Black
Housing material	Plastic

Specifications - Connector A	
Connector type	Pushlok
Housing colour	Black
Polish	APC

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Specifications - Connector A

Housing material	Plastic
Endface type	APC
Insertion loss, max.	0.5 dB
Reflectance	> 65 dB
Insertion loss, typical	≤ 0.15 dB

Specifications - Connector B

Connector type	Pushlok

Dimensions

Height	30 mm
Width	84 mm
Depth	31 mm
Weight	0.27 kg

Shipping Dimensions

Height	206 mm
Width	31 mm
Depth	84 mm

Ordering Information

Product Number	DSH4F100D1NC000S0P
Length	154 m
Weight	0.27 kg
Packaging method	Box
Shipping weight	0.27 kg

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Ordering Information	
Width	84 mm
Units per delivery	1/1
Shipping Height	206 mm
Shipping Width	31 mm
Shipping Depth	84 mm

RoHS COMPLIANT

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