

# Evolv® Splitter Terminal with Pushlok™ Technology 16 port, 2x8 body, unstubbed, 1x16 splitter

CORNING

**Part Number:**  
**DSP6F100D1NC000S0P**

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**

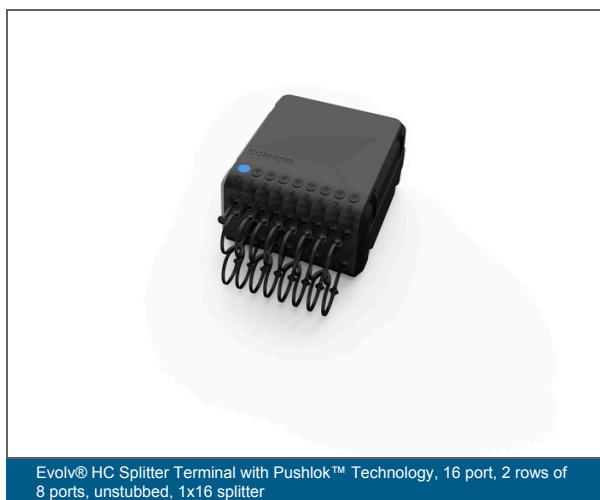
Lower profile overall with drop entry ports on bottom

### **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



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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

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	
Fibre count	1
Input fibre count	1
Fibres per port	1
Number of single-fibre ports, SC APC connector	16
Housing material	Plastic
Adapter colour front	Black
Adapter type front	Pushlok
Polish	APC

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## Design

Locking availability	No
Sealing type	Welded
Housing colour	Black
Colour	Black
Product family	Evolv®
Number of ports	16

## Cable Design

Fibre count	1
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## Design - Adapter

Adapter housing colour	Black
Adapter housing material	Plastic
Adapter type	Pushlok

## Mechanical Characteristics

Cold mate/demate	-40 °C
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## Optical Specification - Hardware

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

## Connector Specs

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	SC APC
Insertion loss, max.	0.5 dB
Reflectance	> 65 dB
Insertion loss, typical	≤ 0.15 dB

## Dimensions

Height	1345 mm
Width	58.5 mm
Weight	0.6 kg

## Ordering Information

Product Number	DSP6F100D1NC000S0P
Length	154 m
Weight	0.6 kg
Packaging method	Box
Units per delivery	1/1



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