# Evolv® Splitter Terminal with Pushlok™ Technology 8 port, 2x4 body, unstubbed, 1x8 splitter

**CORNING**

**Part Number:**
**DSB8F100D1NC000S0P**

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
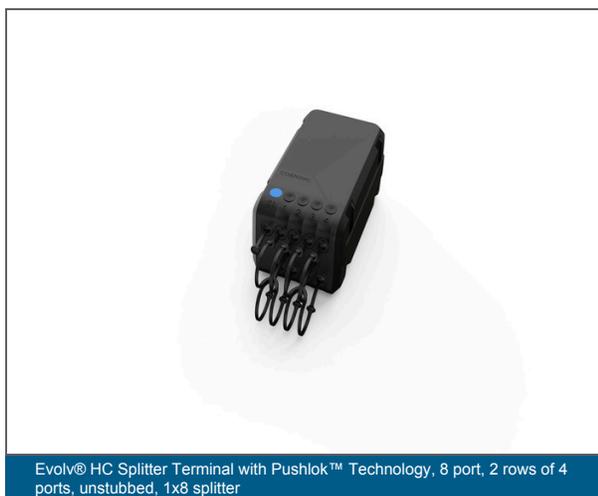


Evolv® HC Splitter Terminal with Pushlok™ Technology, 8 port, 2 rows of 4 ports, unstubbed, 1x8 splitter

# Evolv® Splitter Terminal with Pushlok™ Technology 8 port, 2x4 body, unstubbed, 1x8 splitter

CORNING

## 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 | 8 |
| Housing material | Plastic |
| Adapter colour front | Black |
| Adapter type front | Pushlok |
| Polish | APC |

# Evolv® Splitter Terminal with Pushlok™ Technology 8 port, 2x4 body, unstubbed, 1x8 splitter

**CORNING**

## Design

| | |
|---|---|
| Locking availability | No |
| Sealing type | Welded |
| Housing colour | Black |
| Colour | Black |
| Product family | Evolv® |
| Number of ports | 8 |

## Cable Design

| | |
|---|---|
| Fibre count | 1 |

## Design - Adapter

| | |
|---|---|
| Adapter housing colour | Black |
| Adapter housing material | Plastic |
| Adapter type | Pushlok |

## Mechanical Characteristics

| | |
|---|---|
| Cold mate/demate | -40 °C |

## Optical Specification - Hardware

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

## Connector Specs

| | |
|---|---|
| Housing colour | Black |
| Housing material | Plastic |

# Evolv® Splitter Terminal with Pushlok™ Technology 8 port, 2x4 body, unstubbed, 1x8 splitter

CORNING

## 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 | 0.4 kg |

## Ordering Information

| | |
|---|---|
| Product Number | DSB8F100D1NC000S0P |
| Length | 154 m |
| Weight | 0.4 kg |
| Packaging method | Box |
| Units per delivery | 1/1 |

RoHS
COMPLIANT