

Evolv® Openable Terminal (EOT) 8x1 Fibre Pushlok® ports, with 1x1:8 Splitter, 2 splice trays for heat shrink protectors

CORNING

Part Number:
EOT-A8-F8-S08S24CS-WW

The Evolv® Openable Terminal (EOT) is a compact, single row, 2, 4, 6, or 8-port terminal. It features Pushlok® Technology, with factory-installed single or multi-fibre connectors. Designed for flexibility, it can be opened for field installation of feeder cables and serves as a cable end closure or tap-off solution with a feedthrough cable.

The EOT features a self-adjusting gel-sealing concept that accommodates cables ranging from 5 to 12 mm without the need for additional components. With three cable entries, it supports various network configurations.

The advanced gel technology ensures quick and easy feeder installation. The Pushlok® ports provide state-of-the-art audible, single-handed, field-friendly drop connections. Connector ports and cabling are all inline below the terminal body, improving access and allowing for a much neater and simpler installation.

This is an easy, fast, practical, and environmentally friendly solution, that seamlessly integrates with existing hardened connectivity.

Features and Benefits

Loop-through functionality for looping 96 fibres (5 to 12 mm)

Supports high-capacity fibre loops: boosts throughput and efficiency

Capable to daisy chain different feeder cable types through multiple closures

Easy feeder cable integration: simplifies fibre management and reduces installation time

Small, compact size

Compact form factor: reduces installation space and congestion

Available with 2, 4, 6, or 8 Pushlok® ports

Scalable: adapts to varying network demands

"Stick and click" mating

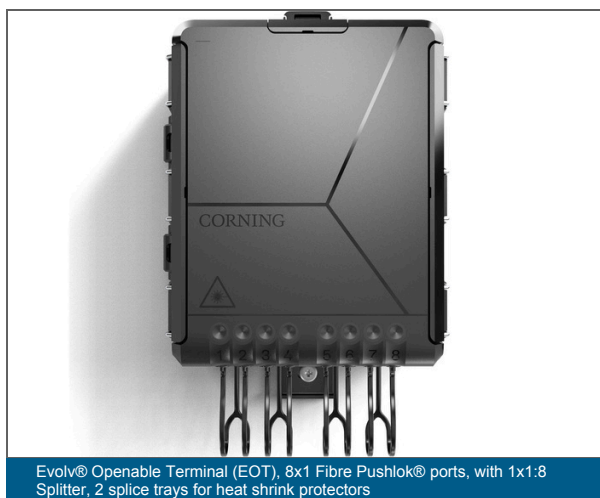
Single-handed, field-friendly audible connector mating allows technicians to connect without fear of over- or under-tightening traditional threaded ports in a fraction of the time

Tap-off in each closure location

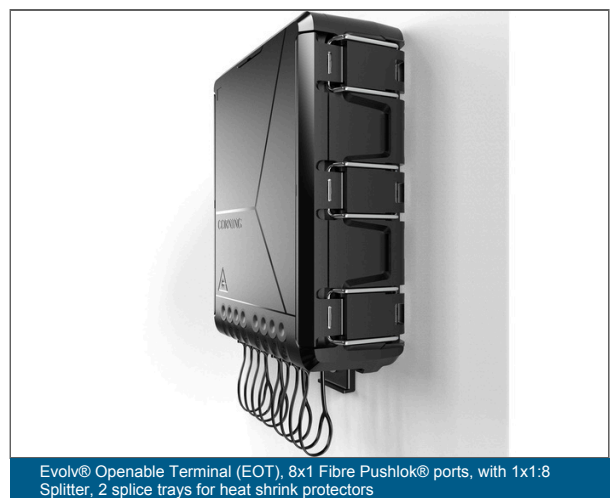
Enables multiple access points: increases network flexibility

Space for splitters or WDM filters

Optical component support: enhances network capabilities



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Specifications

General Specifications	
Brand	Evolv
Application	Fiber to the Premises (FTTP)
Environment	Outdoor
Mounting Type	Pole-mount, Wall-mount, Strand mount, Underground
Product type	Preconnected Closure
Branching	Yes
Fibre category	G.652.D/G.657.A1

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	IEC61753-1_Ed02(2020)
Design And Test Criteria	IP68

Environmental Conditions	
Temperature range, operation	-40 °C to 65 °C

Design	
Splitter support	Yes
Buffer storage	Installed
Closure shape	Canister
Closure type	Butt
Drop cable type	Universal
Input cable type	Easy gel seal for uncut feeder cable
Main cable diameter	5 - 12 mm
Max number of trays	2
Maximum splice fiber capacity	12/24

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Design	
Number of Cable Entries	3
Number of distribution/drop cables ports	1
Number of ports	8
Number of splice trays preloaded	2
Sealing type	Mechanical gel sealing, reusable
Splice tray capacity single fibre	12 to 24
Splitter module	1x1:8
Supported cables	Round
Trays pre-installed	Yes
Adapter type	Pushlok
Fibres per port	1

Design - Adapter	
Insertion loss, max.	0.5 dB
Insertion loss, typical	≤ 0.15 dB
Reflectance, maximum	-60 dB

Dimensions	
Length	200 mm
Width	170 mm
Depth	65 mm

Ordering Information	
Product Number	EOT-A8-F8-S08S24CS-WW
Units per delivery	1/1

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Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, Germany
00 800 2676 4641 • FAX: • www.corning.com/opcomm/emea

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