CORNING

Evolv™ Terminals with Pushlok™ Technology

Pushlok™ hardened connector technology is the key component enabling smaller terminals and drops 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 façades, or in aerial networks (pole- or strand-mount). Attractive aesthetics improve end-user adoption for façade 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, the adapter 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 minimising technician variation and potential damage due to mishandling.

Features	Benefits
Pushlok cable assembly connector ports for customer drop terminations	Lower installation cost and increase speed of connection
Standard and integrated splitter terminal options	Solution supports various architecture types
Durability	45 kg cable tensile strength
Available stubbed or pre-terminated with OptiTip® multifibre technology	Compatible with existing FlexNAP™ system 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

Standards

Telcordia	Designed to Telcordia GR-771-CORE, Issue 1

Mechanical Specifications

Terminal Type	Dimensions (L x W x H)	Weight
2-Distribution Port Terminal (1 Row of 4 Ports, 2 Filled)	15.4 x 8.4 x 3.0 cm (6.06 x 3.29 x 1.18 in)	0.195 kg (0.43 lb)
4-Distribution Port Terminal (1 Row of 4 Ports)	15.4 x 8.4 x 3.0 cm (6.06 x 3.29 x 1.18 in)	0.195 kg (0.43 lb)
6-Distribution Port Terminal (1 Row of 8 Ports, 2 Filled)	15.4 x 13.4 x 3.0 cm (6.06 x 5.29 x 1.18 in)	0.390 kg (0.86 lb)
6-Distribution Port Terminal (2 Rows of 4 Ports, 2 Filled)	15.4 x 8.4 x 5.8 cm (6.06 x 3.29 x 2.30 in)	0.400 kg (0.88 lb)
8-Distribution Port Terminal (1 Row of 8 Ports)	15.4 x 13.4 x 3.0 cm (6.06 x 5.29 x 1.18 in)	0.390 kg (0.86 lb)
8-Distribution Port Terminal (2 Rows of 4 Ports)	15.4 x 8.4 x 5.8 cm (6.06 x 3.29 x 2.30 in)	0.400 kg (0.88 lb)
12-Distribution Port Terminal (2 Rows of 8 Ports, 4 Filled)	15.4 x 13.4 x 5.8 cm (6.06 x 5.29 x 2.30 in)	0.600 kg (1.32 lb)
16-Distribution Port Terminal (2 Rows of 8 Ports)	15.4 x 13.4 x 5.8 cm (6.06 x 5.29 x 2.30 in)	0.600 kg (1.32 lb)

Optical Specifications

Connector Type	Fibre Type	Insertion Loss, Maximum	Insertion Loss, Typical	Reflectance, Maximum
Pushlok™ Connector	Single-mode (OS2)	0.50 dB	0.15 dB	-0.65 dB

Terminal Cable Stub Information

SST Cable Stub	
Application	SST-Drop™ cables offer the ease of installation of standard ALTOS™ cable in an easy-access, single-tube design. The dielectric version eliminates any bonding and grounding requirements
Cable Specification Reference Materials	12 F SST Dielectric Cable: Openreach Cat 2 Fibre

Ordering Information

Openreach Item Code	Openreach Description	Corning Part Number	Corning Description
112984	Pushlok™ UG, 4 Port, 10 m	DMA4F1FDD1NC010MBP	Evolv™ Pushlok, 4P, 4 F, A4, Diel 10 m BT
112985	Pushlok UG, 4 Port, 20 m	DMA4F1FDD1NC020MBP	Evolv Pushlok, 4P, 4 F, A4, Diel 20 m BT
112986	Pushlok UG, 4 Port, 50 m	DMA4F1FDD1NC050MBP	Evolv Pushlok, 4P, 4 F, A4, Diel 50 m BT
112987	Pushlok UG, 4 Port, 100 m	DMA4F1FDD1NC100MBP	Evolv Pushlok, 4P, 4 F, A4, Diel 100 m BT
112988	Pushlok UG, 4 Port, 150 m	DMA4F1FDD1NC150MBP	Evolv Pushlok, 4P, 4 F, A4, Diel 150 m BT
112989	Pushlok UG, 4 Port, 200 m	DMA4F1FDD1NC200MBP	Evolv Pushlok, 4P, 4 F, A4, Diel 200 m BT
112990	Pushlok UG, 4 Port, 250 m	DMA4F1FDD1NC250MBP	Evolv Pushlok, 4P, 4 F, A4, Diel 250 m BT
112991	Pushlok UG, 4 Port, 300 m	DMA4F1FDD1NC300MBP	Evolv Pushlok, 4P, 4 F, A4, Diel 300 m BT
112992	Pushlok UG, 4 Port, 350 m	DMA4F1FDD1NC350MBP	Evolv Pushlok, 4P, 4 F, A4, Diel 350 m BT
112993	Pushlok UG, 8 Port, 10 m	DMA8F1FDD1NC010MBP	Evolv Pushlok, 8P, 8 F, A8, Diel 10 m BT
112994	Pushlok UG, 8 Port, 20 m	DMA8F1FDD1NC020MBP	Evolv Pushlok, 8P, 8 F, A8, Diel 20 m BT
112995	Pushlok UG, 8 Port, 50 m	DMA8F1FDD1NC050MBP	Evolv Pushlok, 8P, 8 F, A8, Diel 50 m BT
112996	Pushlok UG, 8 Port, 100 m	DMA8F1FDD1NC100MBP	Evolv Pushlok, 8P, 8 F, A8, Diel 100 m BT
112997	Pushlok UG, 8 Port, 150 m	DMA8F1FDD1NC150MBP	Evolv Pushlok, 8P, 8 F, A8, Diel 150 m BT
112998	Pushlok UG, 8 Port, 200 m	DMA8F1FDD1NC200MBP	Evolv Pushlok, 8P, 8 F, A8, Diel 200 m BT
112999	Pushlok UG, 8 Port, 250 m	DMA8F1FDD1NC250MBP	Evolv Pushlok, 8P, 8 F, A8, Diel 250 m BT
113003	Pushlok UG, 8 Port, 300 m	DMA8F1FDD1NC300MBP	Evolv Pushlok, 8P, 8 F, A8, Diel 300 m BT
113004	Pushlok UG, 8 Port, 350 m	DMA8F1FDD1NC350MBP	Evolv Pushlok, 8P, 8 F, A8, Diel 350 m BT
113005	Pushlok UG, 12 Port, 10 m	DMB6F1FDD1NC010MBP	Evolv Pushlok, 12P, 12 F, B6, Diel 10 m BT
113006	Pushlok UG, 12 Port, 20 m	DMB6F1FDD1NC020MBP	Evolv Pushlok, 12P, 12 F, B6, Diel 20 m BT
113007	Pushlok UG, 12 Port, 50 m	DMB6F1FDD1NC050MBP	Evolv Pushlok, 12P, 12 F, B6, Diel 50 m BT
113008	Pushlok UG, 12 Port, 100 m	DMB6F1FDD1NC100MBP	Evolv Pushlok, 12P, 12 F, B6, Diel 100 m BT
113009	Pushlok UG, 12 Port, 150 m	DMB6F1FDD1NC150MBP	Evolv Pushlok, 12P, 12 F, B6, Diel 150 m BT
113010	Pushlok UG, 12 Port, 200 m	DMB6F1FDD1NC200MBP	Evolv Pushlok, 12P, 12 F, B6, Diel 200 m BT
113011	Pushlok UG, 12 Port, 250 m	DMB6F1FDD1NC250MBP	Evolv Pushlok, 12P, 12 F, B6, Diel 250 m BT
113012	Pushlok UG, 12 Port, 300 m	DMB6F1FDD1NC300MBP	Evolv Pushlok, 12P, 12 F, B6, Diel 300 m BT
113013	Pushlok UG, 12 Port, 350 m	DMB6F1FDD1NC350MBP	Evolv Pushlok, 12P, 12 F, B6, Diel 350 m BT
113014	Pushlok UG, 16 Port, 10 m	DMB8F1FDD1NC010MBP	Evolv Pushlok, 16P, 16 F, B8, Diel 10 m BT
113015	Pushlok UG, 16 Port, 20 m	DMB8F1FDD1NC020MBP	Evolv Pushlok, 16P, 16 F, B8, Diel 20 m BT
113016	Pushlok UG, 16 Port, 50 m	DMB8F1FDD1NC050MBP	Evolv Pushlok, 16P, 16 F, B8, Diel 50 m BT
113017	Pushlok UG, 16 Port, 100 m	DMB8F1FDD1NC100MBP	Evolv Pushlok, 16P, 16 F, B8, Diel 100 m BT
113018	Pushlok UG, 16 Port, 150 m	DMB8F1FDD1NC150MBP	Evolv Pushlok, 16P, 16 F, B8, Diel 150 m BT
113019	Pushlok UG, 16 Port, 200 m	DMB8F1FDD1NC200MBP	Evolv Pushlok, 16P, 16 F, B8, Diel 200 m BT
113020	Pushlok UG, 16 Port, 250 m	DMB8F1FDD1NC250MBP	Evolv Pushlok, 16P, 16 F, B8, Diel 250 m BT
113021	Pushlok UG, 16 Port, 300 m	DMB8F1FDD1NC300MBP	Evolv Pushlok, 16P, 16 F, B8, Diel 300 m BT
113022	Pushlok UG, 16 Port, 350 m	DMB8F1FDD1NC350MBP	Evolv Pushlok, 16P, 16 F, B8, Diel 350 m BT

Evolv™ Port Cleaner with Pushlok™ Technology

Accessory Information	
Evolv™ Port Cleaner with Pushlok™ Technology	
Part Number	CLEANER-PUSHLOK
Description	The Evolv port cleaner with Pushlok technology is compatible with both Pushlok and OptiTap® connectors and Evolv terminals and multiports. Single-fibre port cleaner accessories are proven effective for removing the following from connector end faces: skin oil, hand lotion, Arizona road dust, pre- and postmate graphite, salt, isopropyl alcohol residue, and distilled water residue. These cleaners are easy to use and offer over 525 cleanings.
Standards	Free of hazardous substances according to RoHs 2011/65/EU*

*"Compliant with EU RoHS 2011/65/EU" means that the product or part complies with directive 2011/65/EU of the European Parliament regarding the restriction of the use of certain hazardous substances in electrical and electronic equipment. This statement represents Corning's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to Corning.