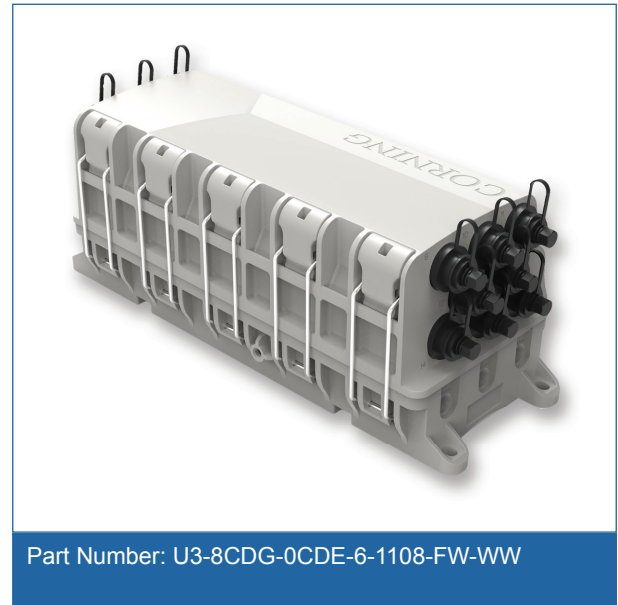


# OptiSheath® Multipurpose Enclosure

8 in-line with 8 single fiber OptiTap adapters

CORNING

Corning's Multipurpose Enclosure (MPE) is a multi-functional in-line closure designed for use in outside plant fiber access networks. This new generation of Corning preconnectorized closure provides sealed environmental protection and fast, easy incremental connection of subscriber drop cables while increasing deployment speed in just the same way as can be achieved using a Corning multiport terminal. However, the MPE sealed terminal has the added advantage of serving as a splice point where higher fibre count distribution cables can be branched to lower fiber count cables or to the stubbed cables of multiport terminals. Optical splitters can also be housed inside this terminal, which is particularly appropriate for distributed split PON architectures. The closure can be deployed in underground chambers, wall mounted on buildings, direct buried, or aerially installed on poles or messenger wires. Individual customer connections are achieved using OptiTap® ports located at either end of the closure body. Up to 16 ports can be accommodated, eight at either end. The terminal consists of two hinged half shells which are sealed using a reusable silicone ring and grommets. All drop ports are contained in the top half and cable entry ports in the bottom half. Fiber management inside the closure is achieved using a new simplified tray which facilitates installation time. Each tray can house a maximum of 24 splices (in a double stack) providing a maximum splice capacity for the closure of 144 splices. The trays can also be pre-loaded with optical splitters in a range of split ratios. The outputs of these optical splitters can be pre-connectorised. In this way, additional capacity can easily be installed into the closure after initial installation by adding splitter trays and connecting the outputs to the spare OptiTap® ports inside the closure.



Part Number: U3-8CDG-0CDE-6-1108-FW-WW

## Features

- OptiTip® MT Connector compatible with FlexNAP™ System, MDU terminals, FDT stubbed terminals
- OptiTap® Cable Assembly connector ports for customer drop terminations
- Smaller more compact size
- IP68 Rated
- Faster deployment enabling speed to revenue
- Up to 16 drop ports (8, 12, or 16); other counts available on demand and wide range of distribution cable entries with loop-through capability on main distribution cable
- Individual strain-relief for better/easier cable preparation

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- Single mounting device for all applications: aerial (pole and hanging), façade (wall) and underground (in chamber or direct buried)
- Flexible for many network scenarios
- Splitters can be accommodated including adding capacity after initial installation

Design - Hardware	
Number of Ports	6 (3 ports on both sides) suitable for mid-span access
Main cable circular port count	2
Main cable range	3 mm to 17 mm
Central member fixing for main cable	Yes
Distribution cable port count	3
Distribution cable range	3 mm to 17 mm
Number of Drop Adapters	8
Supported cables	Flat drop cable, Minicable, MiniXtend® Cable, Microduct Compatible
Maximum splice fiber capacity	144
System	Own
Maximum tray count	6
Trays pre-installed	Yes
Heat shrink splice protector support	Yes
Heat shrink splice count per tray	24
Crimp splice protector support	On demand
SplicePak splice protector support	On demand
Splitter support	Yes
Splitter Module	1x8
Buffer Storage	installed
Water sensor tray	No
Colored trays	No
Customer logo on housing	On demand
Bulletproof housing	No
Grounding system	Metric
Test valve	Included

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## Ordering Information

Part Number	U3-8CDG-0CDE-6-1108-FW-WW
Product Description	OptiSheath® Multipurpose Enclosure 8 in-line with 8 single fiber OptiTap adapters

## Shipping Information

Packing dimensions (L x W x H)	365 mm x 160 mm x 150 mm
Language installation instruction	EN/ES other languages on demand
Units per Delivery	1/1



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)

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