

CORNING



# UCAO MS Closure

## Optical Terminal or Splice Closure

The UCAO terminal, industry leader for preconnectorized FTTH networks in Latin America, has now evolved to full mechanical cable entries. The UCAO with mechanical sealing is designed for use in outside plant fiber access networks. It provides sealed environmental protection and fast, easy incremental connection of subscriber drop cables while increasing deployment speed.



To learn more visit  
[www.corning.com/ucaoms](http://www.corning.com/ucaoms)

With up to eight mechanical cable entries, the UCAO allows for fast and clean installation of the main and derivation cables. Individual customer connections are made through OptiTap® ports, which allows connection to the subscriber without opening the terminal. Up to 20 connector ports can be accommodated, 10 at either end. The closure can be deployed in underground chambers, wall mounted on buildings, direct buried, or installed aerially on poles or messenger wires.

The closure can also serve as a splice point where higher-fiber-count distribution cables can be branched to lower-fiber-count cables, or to the stub cables of multipoint terminals. The closure can be used in both first and second FTTx network split levels, serving as a network service terminal or as a distribution terminal.

The terminal consists of two hinged half shells which are sealed using a reusable silicone ring. Up to 16 drop connector ports are contained in the upper shell while the main and branching cable entry ports are located in the bottom half. Up to four ports from the lower shell can be converted to OptiTap ports, for a total of 20 hardened connector ports.

Fiber management inside the closure is established with the well-established multifunction tray (MFT). Up to six of these trays can be stacked inside the closure and accessed individually. Each tray can house a maximum of 24 splices, providing a maximum splice capacity of 144 splices for the closure.

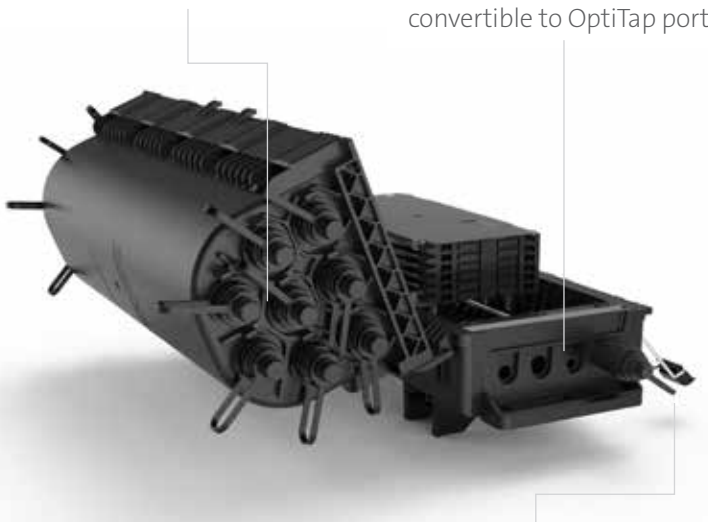
Features	Benefits
Up to 20 OptiTap hardened connector ports	Allows subscriber connection without opening the closure
IP68	Suitable for aerial and underground installation
Up to eight mechanical cable entries	Enables multiple branching cable options
100% grommet-based sealing system, including the uncut cable	Fast, clean, error-proof installation
Main sealing ring now factory preinstalled	Less field installation steps
Splitter area now separate from the splice tray stack	Increased protection against damage and theft

Up to 16 OptiTap hardened connector ports in upper shell

Up to 8 mechanical cable entries in lower shell, 4 convertible to OptiTap ports

Main sealing ring now factory preinstalled

Splitter area now separate from the splice tray stack



Mechanical sealing – don't need tools

100% grommet-based sealing system, including the uncut cable

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