UCNCP Dome Closure with Evolant™ MAX Fiber Routing System

CORNING

Features and Benefits

MAX System
Provides flexibility with a feed-through for external grounding or to insert a valve for flash testing

Assured no stress on the fibers and will prevent any attenuation increases in case of future tray access

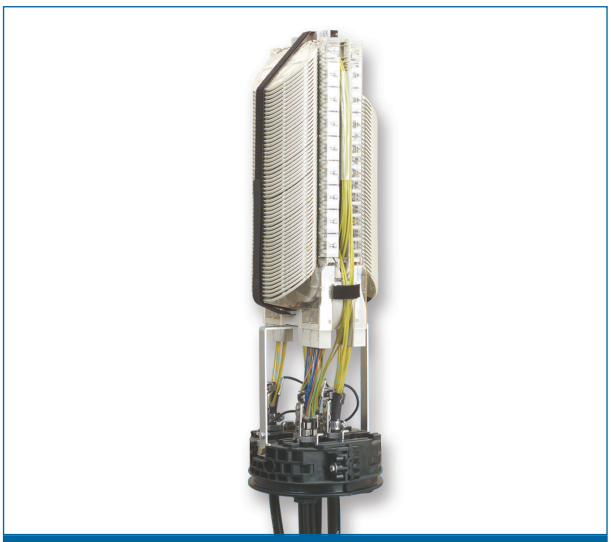
Guiding units are on both sides of the frame
Provides stacking with large buffer tube storage

MAX is Corning standard for fiber routing end management and is commonly used for closures, wall boxes, ODFs and cabinets.
The family of UCNCP universal dome closures is designed to give the maximum protection for the installed network against environmental influences. UCNCP Evolant MAX closures can be used in various environments: direct buried, ducts and manholes, aerial and poles and IP68.

Closure End Caps
Two end cap designs for the UCNCP are available – mechanical cable entry or heat-shrink cable entry sealing. All end caps are provided with a feed-through for external grounding or to insert a valve for flash testing.
Mechanical two-section end caps are paired with two prefabricated cable entries in the intersection for the installation of uncut cables. Six cable ports are available for branching cables sealed with silicone compression fittings. Heat-shrink end caps are designed with one oval cable entry port to accommodate the installation of uncut cables and seven circular ports for the cable entry of branching cables.

Closure Strain-Relief System
Strain-relief is provided for the cable outer sheath and for the central strength member to combat mechanical forces. It is compatible with most common cables.

MAX Fiber Routing and Management System
The MAX fiber routing and management system is built with an aluminum frame and preassembled with six fold



UCNCP Dome Closure with Evolant MAX Fiber Routing System | Photo TRCLS103

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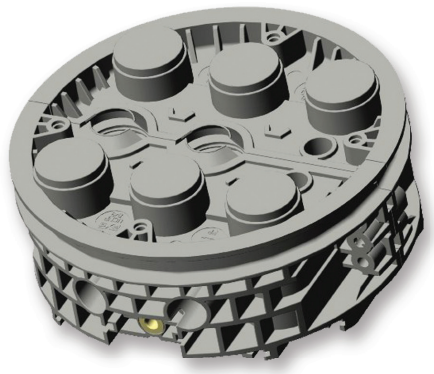
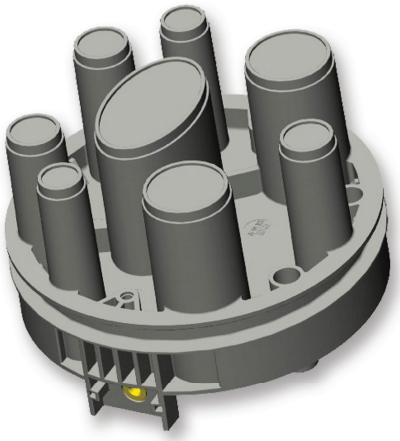
guiding units for the splice trays. If the buffer storage is removed, it is easy to snap in the guiding units to enlarge the splice tray capacity. The fiber itself is guided from the fixed cable end through distribution channels and threaded into the trays directly through the rotation point of the splice tray hinge. The minimum bend-radius requirement is 30 mm.

Splice Trays
The Evolant™ MAX system can be used for access network applications with either single circuit (SC) or single element (SE) trays or a mixture of both, in accordance with the network requirements. One splice tray holder is required for the SC tray and two are required for the SE tray. Two SC trays can be replaced by one SE tray or vice versa.



Mechanical End Cap
| Photo TRCLS104



Heat-Shrink End Cap
| Photo TRCLS102

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Specifications

Closure Kit Content

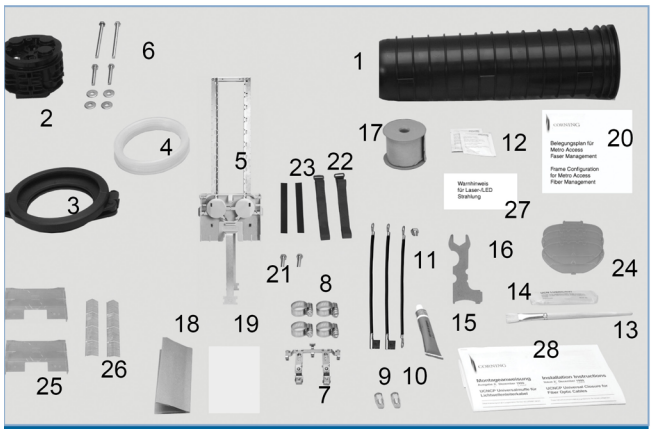
Mechanical Cable Sealing

1. Closure canister
2. End cap
3. Clamping ring
4. Sealing ring
5. Mounting frame
6. Closing screws for end cap
7. Double strain-relief bracket
8. Cable clamps
9. Sealing plug
10. Grounding screw (vented)
11. Grounding wires
12. Cleaning cloth
13. Brush
14. Lubricant
15. Sealing paste
16. Gauge/Wrench
17. Sealing tape for cable
18. Sealing tape for end cap
19. Sleeving
20. Frame configuration diagram
21. Screws for mounting frame
22. Felt strip for mechanically securing the trays
23. Felt strip for securing uncut buffer tubes
24. Cover for single- and multifibre management
25. Cover for distribution element
26. Cover for fibre guides
27. Warning label for laser/LED radiation
28. Installation instructions

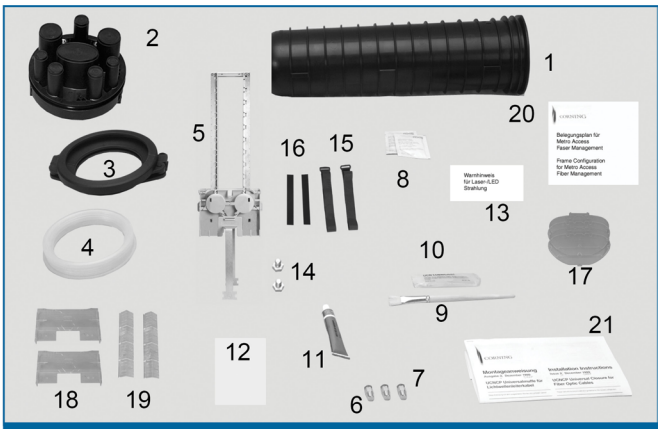
Heat-shrink Cable Sealing

1. Closure canister
2. End cap
3. Clamping ring
4. Sealing ring
5. Mounting frame
6. Sealing plug
7. Grounding screw/grounding screw (vented)
8. Cleaning cloth
9. Brush
10. Lubricant
11. Sealing paste
12. Sleeving
13. Frame configuration diagram
14. Screws for the mounting frame
15. Felt strip for mechanically securing the trays
16. Felt strip for securing uncut buffer tubes
17. Cover for single- and multifibre management
18. Cover for distribution element
19. Cover for fibre guides
20. Warning label for laser/LED radiation
21. Installation instructions

Note: Splice trays, splice protectors and additional branching kits must be ordered separately.



Closure Kit for Mechanical Cable Sealing
| Photo NS229



Closure Kit for Heat-Shrink Cable Sealing
| Photo NS228

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Closure Type	UCNCP 9-20 MAX	UCNCP 9-24 MAX	UCNCP 9-28 MAX
Dimension (mm)			
L Mechanical	525	600	730
L Heat-Shrink	595	670	800
D1	306	306	306
D2	225	225	225
Capacity (pcs) without extra buffer storage			
SC Trays	48	72	120
SE Trays	24	36	60
SC Heat-shrink Splices (up to 6/tray)	288	432	720
SC Crimp Splices (up to 12/tray)	576	864	1440
SE Heat-shrink Splices (up to 12/tray)	288	432	720
SE Crimp Splices (up to 12/tray)	288	432	720
Number of Splice Tray Holders (sixfold)	2 x 4	2 x 6	2 x 10
Cable Sheath Opening (m)			
Uncut Cables	3.6	3.8	4.1
Branching Cables	1.8	1.9	2.05
Uncut Buffer Storage (m)			
Between Double Stack	5 x 3.6	6 x 3.8	8 x 4.1
In Extra Buffer Storage	12 x 3.6	18 x 3.8	25 x 4.1
Number and Diameter of Cable Entries (mm)			
Mechanical End Cap			
Cut or Uncut Cable	2 x 12 - 32	2 x 12 - 32	2 x 12 - 32
Branching Cable	6 x 12 - 25	6 x 12 - 25	6 x 12 - 25
Heat-Shrink End Cap			
Cut or Uncut Cable	2 x 12 - 37	2 x 12 - 37	2 x 12 - 37
Branching Cable	2 x 8 - 20	2 x 8 - 20	2 x 8 - 20
	3 x 14 - 25	3 x 14 - 25	3 x 14 - 25
	2 x 18 - 42	2 x 18 - 42	2 x 18 - 42

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Mechanical End Cap

Heat-Shrink End Cap

Ordering Information

Splice Trays

Part Number	Type	Description	Units per Delivery
CSP-1	Crimp splice protector kit	30mm long, pack of 150	150/1

Branching Sets

Fixing Devices

Splice Protection

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Accessories to Replace the Buffer Storage with Fiber Routing Guides

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