

Universal Canister Closure UCNCP

Description



UCNCP 9-28 E

Application

The family of Universal Closures canister type UCNCP is designed to protect splices and to store excess buffer length in butt configuration on fiber optic cables. They are applicable in all network types such as aerial, duct or direct buried networks as well as in all network levels like in interconnection, branching, distribution or access levels.

Features

- Suitable for all network applications in butt configuration on cut and uncut FO cables
- Fast and easy access to the splice without special tools
- Fast and easy insertion of branching cables on demand without special tools
- Choice of complete closures including one of three different fiber management systems
- Different sizes for up to 588 splices
- Same installation procedure for canister (UCNCP) and inline closures (UCNP, see page 92)

Design

The Universal Canister Closure of the type UCNCP consists of a plastic end cap type UCNP (description see page 80 f.) and a plastic canister. The sealing between canister and end cap is realized by a plastic clamping ring which presses together the canister base and the sealing area of the end cap with the sealing ring between.

The **sealing ring** is made of a permanently elastic silicone material which allows the closure to be opened and reclosed as often as required without additional installation material.

The **end cap** incorporates the **strain relief** absorbing the mechanical forces which may be applied to the cables from the network side. A metal frame is fixed to the end cap for installation of the **fiber management system**. For easier access to the fiber management, one half of the frame can be separated (only „S“ and „E“ type).

For the correspondence of the fiber management systems to the different closure sizes see table on the next page.

Each closure is equipped with a **feedthrough** for external grounding or valve for pressure tightness testing (flash test).

Fiber Management

Explanation of the three different fiber management systems type „S“, „E“, and „VIP“ please find on page 76-78 and 84-86.



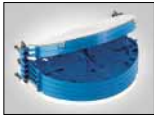


UCNCP closed with clamping ring

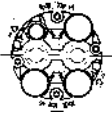


Universal Canister Closure UCNCP

Capacities, Dimensions

Fiber Management in Canister Closures UCNCP Types, Capacities

Fiber management	Closure type	Maximum number of	
		Splice trays	Fusion splices (single fibers)
Standard (S) 	UCNCP 5-18 S	6 Standard (without cover)	72
	UCNCP 7-22 S	12 Standard (without cover)	144
	UCNCP 7-28 S	24 Standard (without cover)	288
	UCNCP 9-28 S	36 Standard (without cover)	432
Element (E) 	UCNCP 7-22 E	8 Standard (with cover)	96
	UCNCP 7-28 E	16 Standard (with cover)	192
	UCNCP 9-28 E	24 Standard (with cover)	288
VIP 	UCNCP 9-18 VIP	24 VIP (without cover)	288
	UCNCP 9-28 VIP	49 VIP (without cover)	588

Dimensions

Type	End Cap	Dimensions in mm		Cable entries in mm
		Outside diameter	Outside length	
UCNCP 5-18		(5") 159	(18") 505	3 x 5-15 cut and 2 x 12-20 cut / uncut
UCNCP 7-22		(7") 220	(22") 585	4 x 5-18 cut and 2 x 12-22 cut / uncut
UCNCP 7-28		(7") 220	(28") 735	
UCNCP 9-18		(9") 265	(18") 530	6 x 12-25 cut and 2 x 12-32 cut / uncut
UCNCP 9-28		(9") 265	(28") 735	

Universal Canister Closure UCNCP

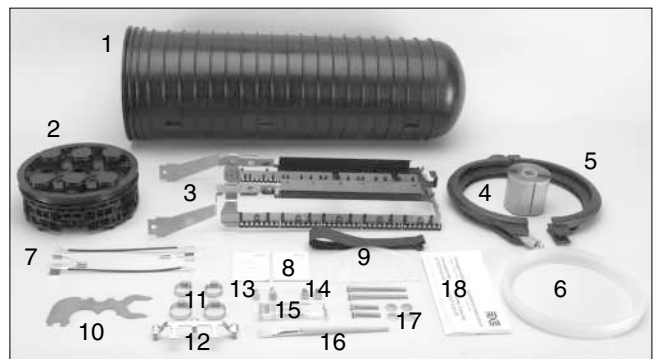
Closure Content, Accessories

Kit Content

Each closure kit contains all parts required for installation of a branching closure with up to 3 cables - up to 2 in the intersection and one branching set for cable ports with compression fitting.

Closure Content

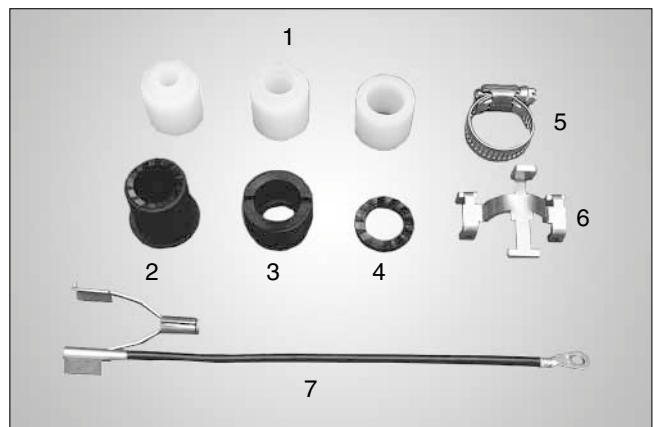
- 1 Closure canister
- 2 End cap
- 3 Splice tray holder (fiber management depending on selected type, VIP shown)
- 4 Sealing tape
- 5 Clamping ring
- 6 Sealing ring
- 7 Strain relief / grounding for central members
- 8 Cleaning tissue
- 9 Cover for upper splice tray with velcro strip
- 10 Gage / wrench
- 11 Cable clamps
- 12 Double clamps for main cable strain relief bracket
- 13 Grounding screws
- 14 Screws for tray holder
- 15 Lubricant
- 16 Brush
- 17 Closing screws for end cap
- 18 Installation instructions
- 19 Branching set for cable entries with compression fittings (not shown)



Closure content with fiber management and without branching set

Branching Set for Cable Entry Port (to be ordered separately)

- 1 Sealings
- 2 Pressure screw
- 3 Closing screw
- 4 Washer
- 5 Hose clamp
- 6 Bracket, 1-way strain relief
- 7 Strain relief / grounding for central members

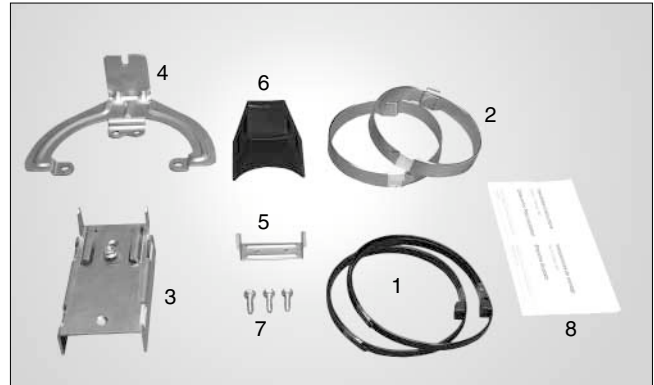


Universal Canister Closure UCNCP

Accessories

Wall / Pole Mounting

- 1 Cable tie to secure canister
- 2 Clamping bands for pole mounting
- 3 Wall / pole mounting
- 4 Closure holder
- 5 Mounting plate
- 6 Canister holder
- 7 Securing screws
- 8 Installation instructions



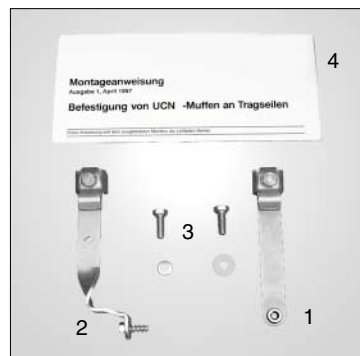
Installation Support

To facilitate installation an installation support is available for fixing the closure temporarily in a vertical position. The closure holder of the wall / pole mounting has to be fixed to the end cap with two screws. The other side of this holder can be slid into the installation support which can be clamped e. g. to a work bench.





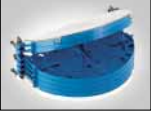
Aerial Hanging Device

- 1 Support, canister
- 2 Support, end cap
- 3 Clamp screws
- 4 Installation instructions



Universal Canister Closure UCNCP

Order Numbers

Designation	Description / Delivery Unit	Order Number	
	UCNCP 5-18 S	1 pc.	S46998-A2-A70
	UCNCP 7-22 S	1 pc.	S46998-A2-A71
	UCNCP 7-28 S	1 pc.	S46998-A2-A72
	UCNCP 9-28 S	1 pc.	S46998-A2-A73
	UCNCP 7-22 E	1 pc.	S46998-A2-A74
	UCNCP 7-28 E	1 pc.	S46998-A2-A75
	UCNCP 9-28 E	1 pc.	S46998-A2-A76
	UCNCP 9-18 VIP	1 pc.	S46998-A2-A78
	UCNCP 9-28 VIP	1 pc.	S46998-A2-A77
Accessories			
Branching Set	Cable entry port, with compr. fittings, set for 1 cable		
- for end cap UCNCP 5		S46998-A2-R36	
- for end cap UCNCP 7		S46998-A2-R16	
- for end cap UCNCP 9		S46998-A2-R37	
Valve	For tightness testing (flash testing), 1 set	C45402-Z3-C31	
Desiccant	50 g, 1 bag	S45056-M130-A3	
Aerial Hanging Device	1 set	S46998-D1-A3	
Wall / Pole Mounting	1 set		
- for UCNCP 5		S46998-M1-A3	
- for UCNCP 7		S46998-M1-A4	
- for UCNCP 9		S46998-M1-A5	
Installation Support	1 pc.	C46197-K1-B11	
Heat-shrink Splice Protectors	For details, see page 42		
- for single fibers, 60 mm	Pack of 100	S46999-A16-A4	
- for single fibers, 45 mm	Pack of 100	S46998-A4-A29	
- for attenuation splices and up to 4-fiber ribbons	Pack of 5	S46999-A16-A8	
- for 4- up to 12-fiber ribbons	Pack of 25	S46999-A16-A6	
Crimp Splice Protector	Pack of 150 (for details, see page 43)	S45057-Z1-H590	

Further Accessories

- Splice Trays and Splice Organizers (see page 96/97)
- Tools (see page 236)