

The Pressurized Closure System 2-Type 505 is a complete, pressure-tight, re-enterable closure system for enclosing spliced connections of communications cable in a wide variety of applications. The 2-Type closure is offered in seven different diameter sizes, 3 to 12-in., and 13 different lengths, 18.5 to 82.5-in. Custom length closures up to 108-in in length are available upon request.

The tools required for installation are a washer cutter tool and a torque wrench. This system allows for quick and easy re-entry of closures.

The Pressurized Closure System 2-Type 505 offers:

- Pressure tight design
- Re-enterable closure system
- Industry-common tools used for assembly or re-entry
- Impact- and corrosion-resistant plastic construction
- Craft friendly
- Reusable
- More than 25-year field history
- Aerial, underground, and manhole applications
- Custom lengths
- Straight and branch splice configurations
- C, D, and E sizes that can handle more than 4,200 pairs



Pressurized Closure System 2-Type 505

## Closure System 2-Type 505 Cover

Each complete 2-Type 505 cover selection contains:

1. Cover halves with installed sealing gasket
2. Protective gloves
3. Sealing R-tape
4. Dry towelette wipes
5. Alignment bars
6. Alignment bar hardware
7. Back cover clips
8. Flanged hex nut
9. Hex nuts
10. Pressure valve
11. Cleaning wipes CSSC20
12. External ground ribbon
13. Black cable ties
14. Bond braid with eyelets
15. White cable ties



## Pressurized Closure System 2-Type 505 Ordering Code

### Covers

2    D    2    A

**2-Type Series**

**Inside Diameter**

A	5.25 in (134 mm)
B	7 in (178 mm)
C	8 in (203 mm)
D	9.5 in (241 mm)
E	12 in (305 mm)

**Material of Manufacture**

2	Standard
4	Fire Retardant

**Overall Length of Cover**

AA	18.5 in (470 mm)
A	27.5 in (699 mm)
B	36 in (914 mm)
C	44.5 in (1,130 mm)
D*	48.5 in (1,232 mm)
E*	52.75 in (1,340 mm)
F*	57 in (1,448 mm)
G*	61.5 in (1,563 mm)
H*	65.5 in (1,664 mm)
I*	69.75 in (1,772 mm)
J*	74 in (1,880 mm)
K*	78.5 in (1,994 mm)
L*	82.5 in (2,096 mm)

\* Custom sizes

## Closure System 2-Type 505 Endplates

Each complete 2-Type endplate 505 selection contains:

1. Endplate sections
2. Sheath scuff
3. Sealing tape RTW
4. Protective gloves
5. Cable diameter tape
6. Sealing washers
7. Additional longer-cable retention clamps (depending upon endplate ordered)
8. Sealing tape RTE
9. Corning® Scotchlok™ shield bond connectors
10. Hose clamps
11. Cleaning Wipes CSSC20



### Accessories:

- Washer cutter tool WCT11K
- Spare blade kit WCB11K
- Aerial hanger kit AH20K
- Underground closure support kit UCS10K
- Plugging spools
- 2-Type toolkit 2-TYPE/TK
- 4-hole spool kit KWSP04
- Universal alignment toolkit UAT20K
- Torque wrench 2178-2T-LL-CLTK

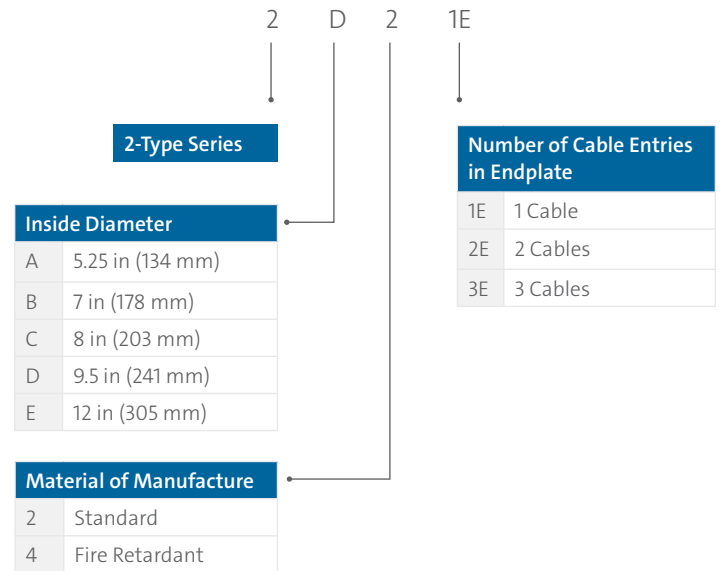
### Tools Required:

Not included with cover or endplate kits.

- Washer cutter tool WCT11K
- Speed wrench
- Can wrench with 3/8-in (9.5 mm) and 7/16-in (11 mm) ends
- 1/2-in (13 mm) and 7/16-in (11 mm) deep-wrench sockets
- 3-in (76 mm) socket extender
- Screwdriver
- Snips
- Knife
- Tabbing shears

## Pressurized Closure System 2-Type 505 Ordering Code

### Endplates



## Closure System 2-Type 505-Cover Selection

Determine number of cable pairs, splice bundle diameter and sheath opening required.

Use the proper ordering code, from this table, to indicate your cover selection.

Series Number Inside Diameter, Inches (mm)		2A2 5.25 in (134 mm)	2B2 7 in (178 mm)	2C2 8 in (203 mm)	2D2 9.5 in (241 mm)	2E2 12 in (305 mm)
Overall Length	Sheath Opening					
18.5 in (470 mm)	10 in (254 mm)	2A2AA	2B2AA	2C2AA	2D2AA	2E2AA
27.5 in (699 mm)	19 in (483 mm)	2A2A <sup>H</sup>	2B2A <sup>H</sup>	2C2A <sup>H</sup>	2D2A <sup>H</sup>	2E2A <sup>H</sup>
<b>Maximum number of cable pairs <sup>(1)</sup></b>		600	1200	1800	3600	4200
36 in (914 mm)	27.5 in (699 mm)	2A2B <sup>H</sup>	2B2B <sup>H</sup>	2C2B <sup>H</sup>	2D2B <sup>H</sup>	2E2B <sup>H</sup>
44.5 in (1,130 mm)	36 in (914 mm)	2A2C <sup>H</sup>	2B2C <sup>H</sup>	2C2C <sup>H</sup>	2D2C <sup>H</sup>	2E2C <sup>H</sup>
48.5 in (1,232 mm)	40 in (1,016 mm)	2A2D	2B2D	2C2D	2D2D	2E2D
52.75 in (1,340 mm)	44.25 in (1,124 mm)	2A2E	2B2E	2C2E	2D2E	2E2E
57 in (1,448 mm)	48.5 in (1,232 mm)	2A2F	2B2F	2C2F	2D2F	2E2F
61.5 in (1,563 mm)	53 in (1,346 mm)	2A2G	2B2G	2C2G	2D2G	2E2G
65.5 in (1,664 mm)	57 in (1,448 mm)	2A2H	2B2H	2C2H	2D2H	2E2H
69.75 in (1,772 mm)	61.25 in (1,556 mm)	2A2I	2B2I	2C2I	2D2I	2E2I
74 in (1,880 mm)	65.5 in (1,664 mm)	2A2J	2B2J	2C2J	2D2J	2E2J
78.5 in (1,994 mm)	70 in (1,778 mm)	2A2K	2B2K	2C2K	2D2K	2E2K
82.5 in (2,096 mm)	74 in (1,880 mm)	2A2L	2B2L	2C2L	2D2L	2E2L

<sup>(1)</sup> Maximum number of cable pairs based on the following specifications: 2Y2 & 2X2 Series = 24/26 gauge cable using 25 pair modular connectors for straight, in-line, 1-bank splice (18.5 in overall cover length, 10 in sheath opening) 2A2, 2B2, 2C2, 2D2, & 2E2 Series. = 24/26 gauge cable using 25 pair modular connectors for straight, in-line, 2-bank splice (27.5 in overall cover length, 19 in sheath opening).

<sup>H</sup> Alignment bars provided in 505 cover kits. Bold type indicates standard covers.

## Endplate Selection

Number of Cable Openings/ Endplate			1	2		3			9	12	18	27	36	42
Ordering Code			*1E	*2E		*3E			*9E or S	*12E or S	*18E or S	*27E or S	*36E or S	*42E(1)
2-Type Endplate Cable Entrance Configuration														
Diameter			Maximum Cable Outside Diameter						Cable Range Outside Diameter					
Series	In.	(mm)												
2A2-*	5 in	(134 mm)	2.2 in (56 mm)	1.6 in (41 mm)	1.3 in (33 mm)	N/A	N/A	N/A	0.88-1.1 in	N/A	N/A	N/A	N/A	N/A
2B2-*	7 in	(178 mm)	3.4 in (86 mm)	2.2 in (56 mm)	2.2 in (56 mm)	2.2 in (56 mm)	1.0 in (25 mm)	1.0 in (25 mm)	N/A	0.88-1.1 in	N/A	N/A	N/A	N/A
2C2-*	8 in	(203 mm)	3.4 in (86 mm)	2.8 in (71 mm)	2.8 in (71 mm)	2.8 in (71 mm)	1.6 in (41 mm)	1.6 in (41 mm)	N/A	N/A	0.88-1.1 in	N/A	N/A	N/A
2D2-*	9 in	(241 mm)	3.4 in (86 mm)	3.4 in (86 mm)	3.4 in (86 mm)	3.4 in (86 mm)	2.2 in (56 mm)	2.2 in (56 mm)	N/A	N/A	0.88-1.1 in	0.88-1.1 in	0.88-1.1 in	0.88-1.1 in
2E2-*	12 in	(305 mm)	N/A	4.4 in (112 mm)	4.4 in (112 mm)	4.0 in (102 mm)	3.4 in (86 mm)	3.4 in (86 mm)	N/A	N/A	N/A	0.88-1.1 in	0.88-1.1 in	0.88-1.1 in

<sup>(1)</sup>Tip cable diameters other than cable range shown may be special ordered.

<sup>(2)</sup>"E" designates solid endplate for new construction. "S" designates split endplate for existing or retrofit applications. 42E not available in split endplate configuration

Note: 2D2 series endplates may be used with 2E2 series covers.

Note: 0.88-1.1 in = 22-28 mm

## Closure System 2-Type 505 Ordering Information

To select the correct cover:

1. Determine number of cable pairs
2. Determine splice bundle diameter
3. Determine sheath opening required

To select the correct endplate:

4. Determine cable entrance configuration
5. Determine outside diameter of each cable

(Outside cable diameter must not exceed presized opening in endplate)

### Example:

Number of cable pairs = 1,200/24 gauge

Splice bundle diameter = 6 in (152 mm)

Sheath opening = 19 in (483 mm)

Cable configuration = three-way

1,200 pairs in/600 pairs out x 600 pairs out

Cable outside diameters:

1,200 pairs = 2.6 in (66 mm)

600 pairs = 1.9 in (48 mm)

Correct codes to order one cover and two endplates:

1 each 2B2A cover assembly

1 each 2B2-1E endplate assembly

1 each 2B2-2E endplate assembly

A complete 2-Type closure for enclosing spliced connections of communication cables requires the selection of one (1) cover assembly kit and two (2) endplate assembly kits from the same series.

Note from the example that the cover series (2B2) matches the endplate series (2B2). This ordering procedure is an approximate guide only. Proper cover and endplate selection will vary with the type of splice connectors and splicing method used.

## Closure System 2-Type Accessories



**Washer Cutter Tool Kit WCT11K**  
This kit is used for cutting universal slotted washers to match cables entering a closure.



**Closure Tool Kit 2TYPE/TK**



**Torque Wrench 2178-2T-LL-CLTK**



**Underground Closure Support Kit UCS10K**  
This kit provides closure support on racks in manholes and vaults.



**Aerial Hanger Kit AH20K**  
This kit is used for fastening a complete 2-Type closure to strand support wire in aerial applications.



**Back Cover Clips BCC10K**  
These clips are used for holding the cover assembly to the endplates and for keeping endplates properly spaced and parallel during splicing.



**Plugging Spools**  
FX, GX, HX, JX, KX, LX, MX  
These spools are used for plugging unused cable openings.



**Universal Slotted Washers**  
FS, GS, HS, JS, KS, LS, MS



**Sealing Tape RTW**  
This tape is used to form collars for sealing cables in endplates.



**Sealing Tape RC**  
This tape is used for sealing grooves.



**Sealing Tape RTE**  
This tape is used to seal endplates.



**Bonding and Grounding Kit**  
This kit is used for maintaining internal shield continuity and external grounding. A pressure valve provides for external flash testing and pressurization.



CORNING

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