

1 2 3 4 5 6 7 8 9 10 11 12 13 14

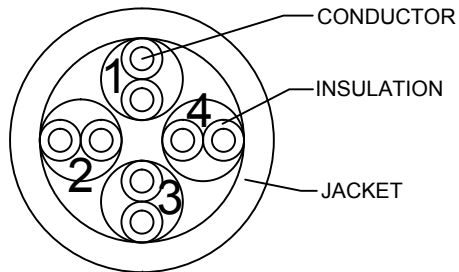
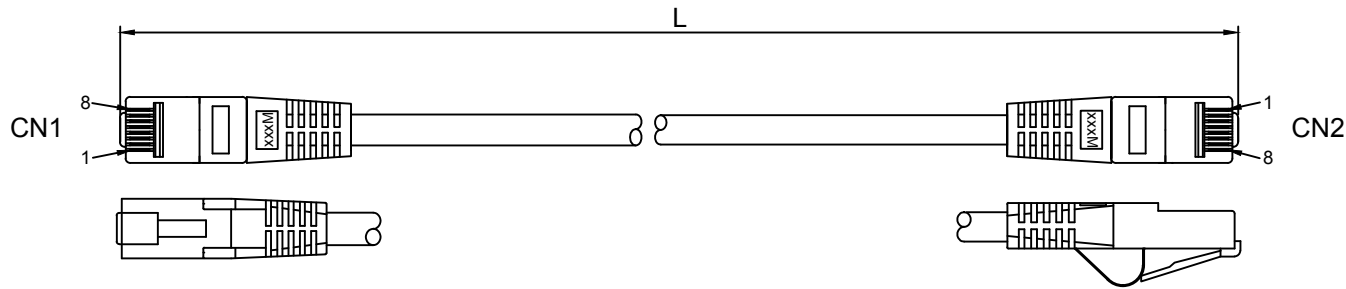
A

B

C

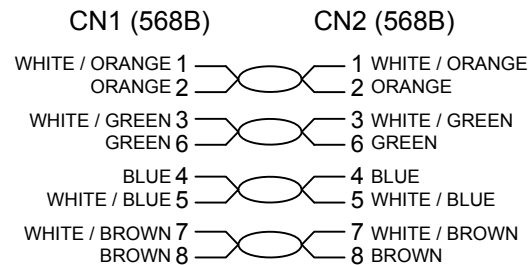
D

E



Printing: CAT.5E U/UTP PATCH CORD CABLE 100 MHz 4PAIRS  
ISO/IEC 11801 & EN50173-1 & ANSI/TIA-568-C.2 ## 925 ##

### WIRING DIAGRAM



|                                                                 |                                                                 |
|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Spezifikation / Specification                                   | CAT 5e                                                          |
| Kabeltyp / Cable type                                           | Rundkabel / round cable                                         |
| Innenleiter, Material / Inner conductor material                | CCA (kupferkaschiertes Aluminium) / CCA (copper-clad aluminium) |
| Innenleiter, Aderdurchmesser / Inner conductor, core diameter   | (7/0.13 ± 0.008 mm)                                             |
| AWG                                                             | 27/7 (stranded)                                                 |
| Schirmungsklasse / Shielding class                              | U/UTP                                                           |
| Durchmesser Kabelmantel (ca.) / Cable sheath diameter (approx.) | Ø 4.6 ± 0.3 mm, PVC                                             |
| Knickschutz / Kink protection                                   | beidseitig / both sides                                         |
| Anschluss, Typ / Connection, type                               | RJ45-Stecker (8P8C) / RJ45 male (8P8C)                          |
| Anschluss, Schirmung / Connection, shielding                    | nein / no                                                       |
| Anschluss 2, Typ / Connection 2, type                           | RJ45-Stecker (8P8C) / RJ45 male (8P8C)                          |
| Rastnasenschutz / Latch protection                              | beidseitig / both sides                                         |
| max. Bandbreite / max. bandwidth                                | 100 MHz                                                         |

A

B

C

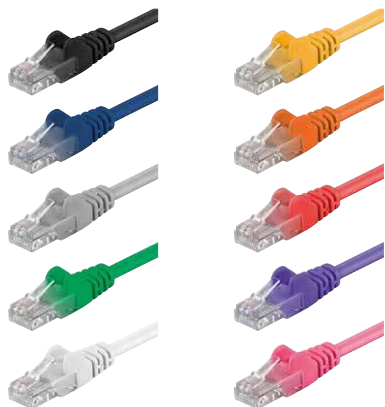
D

E

F

G

H



| Length   | Length Tolerance |
|----------|------------------|
| 250 mm   | ± 20 mm          |
| 500 mm   | ± 20 mm          |
| 1000 mm  | ± 30 mm          |
| 1500 mm  | ± 30 mm          |
| 2000 mm  | ± 40 mm          |
| 3000 mm  | ± 60 mm          |
| 5000 mm  | ± 110 mm         |
| 7500 mm  | ± 150 mm         |
| 10000 mm | ± 200 mm         |
| 15000 mm | ± 310 mm         |
| 20000 mm | ± 400 mm         |
| 25000 mm | ± 500 mm         |
| 30000 mm | ± 600 mm         |
| 50000 mm | ± 1000 mm        |

### CAT 5e Patchkabel, U/UTP

- ungeschirmtes LAN/Netzwerkkabel zum Anschluss Ihrer Netzwerkkomponenten mit 2x RJ45 Steckern
- Längenangabe auf Slimline-Knickschutztülle
- mit Rastnasenschutz
- Paarfolge nach EIA/TIA 568B
- Gigabit (10/100/1000 Mbit) Netzwerk geeignet

### CAT 5e patchcable, U/UTP

- unshielded LAN/network cable to connect network components with 2 x RJ45 connectors
- with length indication on the slimline strain relief
- with latch protection
- pair-sequence acc. to EIA/TIA 568B
- suitable for Gigabit (10/100/1000 Mbit) network

F

G

H

I

J

### Änderungen

| Datum | Name |
|-------|------|
|       |      |
|       |      |
|       |      |

| Datum             | Name |
|-------------------|------|
| gez.: 01.09.2020  | sm   |
| gepr.: 01.09.2020 | ac   |
| Norm:             |      |

Änderungen vorbehalten / Subject to change

Bezeichnung

CAT 5-xxxx U/UTP  
x.xx m

Zeichnungs-Nr.:

68608ff



Blatt

1 / 2

von

I

J

1 2 3 4 5 6 7 8 9 10 11 12 13 14

|            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2    | 3 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5          | 6           | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8                          | 9               | 10                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11 | 12              | 13                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14 |            |   |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------|---|--|--|-------|------|-------------|--|--|--|-------|--|--|--|-------|--|------|--|-------|------------|----|--|----------------------------|--|--|--|-----------------|--|--|--|--|--|--------|------------|----|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|-----------------|--|--|--|-----|--|--|--|--|--|--------------------------------------------|--|--|--|---------|--|--|--|--|--|---|
| A          | <div>Farbe / Colour</div> <div>Art.</div> <div>L [m]</div> <div></div> <div>schwarz / black</div> <div>68703 0.25</div> <div>68643 0.50</div> <div>68644 1.00</div> <div>95562 1.50</div> <div>68647 2.00</div> <div>68649 3.00</div> <div>68651 5.00</div> <div>68653 7.50</div> <div>68645 10.00</div> <div>68646 15.00</div> <div>68648 20.00</div> <div>95640 25.00</div> <div>68650 30.00</div> <div>68652 50.00</div>                                                                                                                                                                                                                                                                                                            |      |   | <div>Farbe / Colour</div> <div>Art.</div> <div>L [m]</div> <div></div> <div>grau / grey</div> <div>68611 0.25</div> <div>68337 0.50</div> <div>68342 1.00</div> <div>95557 1.50</div> <div>68357 2.00</div> <div>68367 3.00</div> <div>68377 5.00</div> <div>68387 7.50</div> <div>68347 10.00</div> <div>68352 15.00</div> <div>68362 20.00</div> <div>95635 25.00</div> <div>68372 30.00</div> <div>68382 50.00</div> |            |             | <div>Farbe / Colour</div> <div>Art.</div> <div>L [m]</div> <div></div> <div>weiß / white</div> <div>68614 0.25</div> <div>68500 0.50</div> <div>68501 1.00</div> <div>95564 1.50</div> <div>68504 2.00</div> <div>68506 3.00</div> <div>68508 5.00</div> <div>68510 7.50</div> <div>68502 10.00</div> <div>68503 15.00</div> <div>68505 20.00</div> <div>95642 25.00</div> <div>68507 30.00</div> <div>68509 50.00</div> |                            |                 | <div>Farbe / Colour</div> <div>Art.</div> <div>L [m]</div> <div></div> <div>orange / orange</div> <div>95201 0.25</div> <div>95215 0.50</div> <div>95218 1.00</div> <div>95560 1.50</div> <div>95227 2.00</div> <div>95233 3.00</div> <div>95239 5.00</div> <div>95245 7.50</div> <div>95221 10.00</div> <div>95224 15.00</div> <div>95230 20.00</div> |    |                 | <div>Farbe / Colour</div> <div>Art.</div> <div>L [m]</div> <div></div> <div>violett / violett</div> <div>95202 0.25</div> <div>95216 0.50</div> <div>95219 1.00</div> <div>95563 1.50</div> <div>95228 2.00</div> <div>95234 3.00</div> <div>95240 5.00</div> <div>95246 7.50</div> <div>95222 10.00</div> <div>95225 15.00</div> <div>95231 20.00</div> |    |            | A |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| B          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            | B |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| C          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            | C |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| D          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            | D |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| E          | <div>blau / blue</div> <div></div> <div>68608 0.25</div> <div>68335 0.50</div> <div>68340 1.00</div> <div>95554 1.50</div> <div>68355 2.00</div> <div>68365 3.00</div> <div>68375 5.00</div> <div>68385 7.50</div> <div>68345 10.00</div> <div>68350 15.00</div> <div>68360 20.00</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |   | <div>grün / green</div> <div></div> <div>68612 0.25</div> <div>68338 0.50</div> <div>68343 1.00</div> <div>95558 1.50</div> <div>68358 2.00</div> <div>68368 3.00</div> <div>68378 5.00</div> <div>68388 7.50</div> <div>68348 10.00</div> <div>68353 15.00</div> <div>68363 20.00</div>                                                                                                                                |            |             | <div>gelb / yellow</div> <div></div> <div>68610 0.25</div> <div>68336 0.50</div> <div>68341 1.00</div> <div>95556 1.50</div> <div>68356 2.00</div> <div>68366 3.00</div> <div>68376 5.00</div> <div>68386 7.50</div> <div>68346 10.00</div> <div>68351 15.00</div> <div>68361 20.00</div>                                                                                                                                |                            |                 | <div>rot / red</div> <div></div> <div>68613 0.25</div> <div>68339 0.50</div> <div>68344 1.00</div> <div>95561 1.50</div> <div>68359 2.00</div> <div>68369 3.00</div> <div>68379 5.00</div> <div>68389 7.50</div> <div>68349 10.00</div> <div>68354 15.00</div> <div>68364 20.00</div>                                                                  |    |                 | <div>magenta / magenta</div> <div></div> <div>95200 0.25</div> <div>95214 0.50</div> <div>95217 1.00</div> <div>95559 1.50</div> <div>95226 2.00</div> <div>95232 3.00</div> <div>95238 5.00</div> <div>95244 7.50</div> <div>95220 10.00</div> <div>95229 20.00</div>                                                                                   |    |            | E |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| F          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            | F |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| G          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            | G |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| H          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            | H |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| I          | <table><tr><td colspan="3">Änderungen</td><td></td><td>Datum</td><td>Name</td><td colspan="4">Bezeichnung</td><td colspan="4">Blatt</td></tr><tr><td colspan="2">Datum</td><td colspan="2">Name</td><td>gez.:</td><td>01.09.2020</td><td colspan="2">sm</td><td colspan="4" rowspan="2">CAT 5-xxxx U/UTP<br/>x.xx m</td><td colspan="2" rowspan="2">gobay®<br/>2 / 2</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td>gepr.:</td><td>01.09.2020</td><td colspan="6">ac</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td>Norm:</td><td colspan="4"></td><td colspan="4">Zeichnungs-Nr.:</td><td colspan="2">von</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="4">Änderungen vorbehalten / Subject to change</td><td colspan="4">68608ff</td><td colspan="2"></td></tr></table> |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    | Änderungen |   |  |  | Datum | Name | Bezeichnung |  |  |  | Blatt |  |  |  | Datum |  | Name |  | gez.: | 01.09.2020 | sm |  | CAT 5-xxxx U/UTP<br>x.xx m |  |  |  | gobay®<br>2 / 2 |  |  |  |  |  | gepr.: | 01.09.2020 | ac |  |  |  |  |  |  |  |  |  | Norm: |  |  |  |  | Zeichnungs-Nr.: |  |  |  | von |  |  |  |  |  | Änderungen vorbehalten / Subject to change |  |  |  | 68608ff |  |  |  |  |  | I |
| Änderungen |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   | Datum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Name       | Bezeichnung |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                 | Blatt                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            |   |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| Datum      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Name |   | gez.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 01.09.2020 | sm          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAT 5-xxxx U/UTP<br>x.xx m |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    | gobay®<br>2 / 2 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            |   |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   | gepr.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 01.09.2020 | ac          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            |   |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   | Norm:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            | Zeichnungs-Nr.: |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 | von                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |            |   |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |   | Änderungen vorbehalten / Subject to change                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 68608ff                    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |            |   |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |
| J          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2    | 3 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5          | 6           | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8                          | 9               | 10                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11 | 12              | 13                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14 | J          |   |  |  |       |      |             |  |  |  |       |  |  |  |       |  |      |  |       |            |    |  |                            |  |  |  |                 |  |  |  |  |  |        |            |    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |                 |  |  |  |     |  |  |  |  |  |                                            |  |  |  |         |  |  |  |  |  |   |