



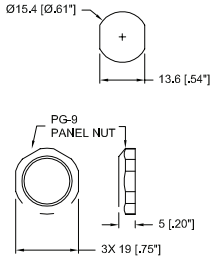
## EtherNet/IP Double-Ended Cord Sets

CAT5e, High-Flex, 2 Twisted Bonded Pair, Stranded/Shielded, 24 AWG, TPE Jacket

| Type                   | 0985 YM57530 100                                                                                                                                                                                     | 0985 YM57530 103                                                                                                                                           | 0985 YM57530 104                                                                                                                                                        | 0985 YM57530 500                                                                                                                                 |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---|-------------|---|--------|---|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|------|---|--------------|---|---|-------------|---|---|--------|---|---|-------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|------|---|--------------|---|---|-------------|---|---|--------|---|---|-------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|--------------|---|-------------|---|--------|---|-------|---|
|                        |                                                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| Product description    | EtherNet/IP, double-ended cord set, M12 male to male straight, 4-pin, D-coding, 24 AWG TPE cable, stranded/ shielded, 2 twisted bonded pairs with teal jacket.                                       | EtherNet/IP, double-ended cord set, M12 male to RJ45 male, 4-pin, D-coding, 24 AWG TPE cable, stranded/ shielded, 2 twisted bonded pairs with teal jacket. | EtherNet/IP, double-ended cord set, M12 female receptacle to RJ45 male, 4-pin, D-coding, 24 AWG TPE cable, stranded/ shielded, 2 twisted bonded pairs with teal jacket. | EtherNet/IP, double-ended cord set, RJ45 male to RJ45 male, 4-pin, 24 AWG TPE cable, stranded/shielded, 2 twisted bonded pairs with teal jacket. |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| Technical illustration |                                                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| Color Code             |                                                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
|                        | <table><tr><th>M12</th><th>Color</th></tr><tr><td>1</td><td>White Orange</td></tr><tr><td>2</td><td>White Green</td></tr><tr><td>3</td><td>Orange</td></tr><tr><td>4</td><td>Green</td></tr></table> | M12                                                                                                                                                        | Color                                                                                                                                                                   | 1                                                                                                                                                | White Orange | 2 | White Green | 3 | Orange | 4 | Green | <table><tr><th>M12</th><th>Color</th><th>RJ45</th></tr><tr><td>1</td><td>White Orange</td><td>1</td></tr><tr><td>2</td><td>White Green</td><td>3</td></tr><tr><td>3</td><td>Orange</td><td>2</td></tr><tr><td>4</td><td>Green</td><td>6</td></tr></table> | M12 | Color | RJ45 | 1 | White Orange | 1 | 2 | White Green | 3 | 3 | Orange | 2 | 4 | Green | 6 | <table><tr><th>M12</th><th>Color</th><th>RJ45</th></tr><tr><td>1</td><td>White Orange</td><td>1</td></tr><tr><td>2</td><td>White Green</td><td>3</td></tr><tr><td>3</td><td>Orange</td><td>2</td></tr><tr><td>4</td><td>Green</td><td>6</td></tr></table> | M12 | Color | RJ45 | 1 | White Orange | 1 | 2 | White Green | 3 | 3 | Orange | 2 | 4 | Green | 6 | <table><tr><th>Color</th><th>RJ45</th></tr><tr><td>White Orange</td><td>1</td></tr><tr><td>White Green</td><td>3</td></tr><tr><td>Orange</td><td>2</td></tr><tr><td>Green</td><td>6</td></tr></table> | Color | RJ45 | White Orange | 1 | White Green | 3 | Orange | 2 | Green | 6 |
| M12                    | Color                                                                                                                                                                                                |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 1                      | White Orange                                                                                                                                                                                         |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 2                      | White Green                                                                                                                                                                                          |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 3                      | Orange                                                                                                                                                                                               |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 4                      | Green                                                                                                                                                                                                |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| M12                    | Color                                                                                                                                                                                                | RJ45                                                                                                                                                       |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 1                      | White Orange                                                                                                                                                                                         | 1                                                                                                                                                          |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 2                      | White Green                                                                                                                                                                                          | 3                                                                                                                                                          |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 3                      | Orange                                                                                                                                                                                               | 2                                                                                                                                                          |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 4                      | Green                                                                                                                                                                                                | 6                                                                                                                                                          |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| M12                    | Color                                                                                                                                                                                                | RJ45                                                                                                                                                       |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 1                      | White Orange                                                                                                                                                                                         | 1                                                                                                                                                          |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 2                      | White Green                                                                                                                                                                                          | 3                                                                                                                                                          |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 3                      | Orange                                                                                                                                                                                               | 2                                                                                                                                                          |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| 4                      | Green                                                                                                                                                                                                | 6                                                                                                                                                          |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| Color                  | RJ45                                                                                                                                                                                                 |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| White Orange           | 1                                                                                                                                                                                                    |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| White Green            | 3                                                                                                                                                                                                    |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| Orange                 | 2                                                                                                                                                                                                    |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| Green                  | 6                                                                                                                                                                                                    |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| Face views             | M12 to M12                                                                                                                                                                                           | M12 to RJ45                                                                                                                                                | M12 to RJ45                                                                                                                                                             | RJ45 to RJ45                                                                                                                                     |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
|                        |                                                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| Part number            | 0985 YM57530 100/...M                                                                                                                                                                                | 0985 YM57530 103/...M                                                                                                                                      | 0985 YM57530 104/...M                                                                                                                                                   | 0985 YM57530 500/...M                                                                                                                            |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
| Standard cable lengths |                                                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |
|                        | 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 30 M                                                                                                                                                          | 0.15M / 0.25M / 1 M / 2 M / 3 M / 5 M / 10 M / 15 M / 20 M / 30 M                                                                                          | 0.25M / 0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M                                                                                                                    | 0.5 M / 1 M / 2 M / 3 M / 5 M / 10 M / 15 M / 20 M                                                                                               |              |   |             |   |        |   |       |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                                                                           |     |       |      |   |              |   |   |             |   |   |        |   |   |       |   |                                                                                                                                                                                                       |       |      |              |   |             |   |        |   |       |   |

## EtherNet/IP Double-Ended Cord Sets

CAT5e, High-Flex, 2 Twisted Bonded Pair, Stranded/Shielded, 24 AWG, TPE Jacket

| Type                        | 0985 YM57530 100                                                                    |  | 0985 YM57530 103                                                                                                                                 | 0985 YM57530 104 | 0985 YM57530 500                                                                                                                                  |
|-----------------------------|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Degree of protection        | IP68                                                                                |  | IP67 / IP20                                                                                                                                      |                  | IP20                                                                                                                                              |
| Operating temperature range | Install = -25°C to +75°C<br>Operating =-40°C to +75°C                               |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Mechanical                  |                                                                                     |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| M12                         |                                                                                     |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Molded body                 | Polyurethane, black                                                                 |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Coupling nut                | Brass, nickel plated                                                                |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Contacts                    | Brass, gold plated                                                                  |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Insert                      | Polyurethane, black                                                                 |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| M12 Receptacle              |                                                                                     |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Housing                     |                                                                                     |  | Brass, nickel plated                                                                                                                             |                  |                                                                                                                                                   |
| Insert                      |                                                                                     |  | PUR, black                                                                                                                                       |                  |                                                                                                                                                   |
| Contacts                    |                                                                                     |  | Brass, gold plated                                                                                                                               |                  |                                                                                                                                                   |
| RJ45                        |                                                                                     |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Plug                        |                                                                                     |  | Polycarbonate                                                                                                                                    |                  |                                                                                                                                                   |
| Contacts                    |                                                                                     |  | Phosphor Bronze, gold plated                                                                                                                     |                  |                                                                                                                                                   |
| Boot                        |                                                                                     |  | Elastomer Polyolefin                                                                                                                             |                  |                                                                                                                                                   |
| Electrical                  |                                                                                     |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Current rating              | 4 A                                                                                 |  | 1.5 A                                                                                                                                            |                  |                                                                                                                                                   |
| Voltage rating              | 250 V                                                                               |  | For “103”, “104” and “500” product the voltage rating os 30VAC/42VDC                                                                             |                  |                                                                                                                                                   |
| Cable Specifications        |                                                                                     |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Voltage Rating (Cable Only) | 600V according to UL AWM 20626                                                      |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Cable jacket                | TPE                                                                                 |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Color                       | Teal                                                                                |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Overall diameter            | .300"                                                                               |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Conductor                   | 24 AWG, stranded                                                                    |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Number of pairs             | 2                                                                                   |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Shield                      | Tinned Copper braid and Aluminum/Polyester foil                                     |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Performance                 | CAT5e, Belden bonded twisted pair cable                                             |  |                                                                                                                                                  |                  |                                                                                                                                                   |
| Characteristics             |                                                                                     |  |                                                                                                                                                  |                  |                                                                                                                                                   |
|                             |  |  | <br>NOTE: Vibration & Oil Resistant applies to M12 side only. |                  | <br>NOTE: Vibration & Oil Resistant applies to M12 side only. |
| Recommended panel cut out   |                                                                                     |  |                                                                                                                                                  |                  |                                                                                                                                                   |
|                             |                                                                                     |  |                                                              |                  |                                                                                                                                                   |

The application of these products in harsh environments should always be checked before use.  
 Specifications subject to alteration.