







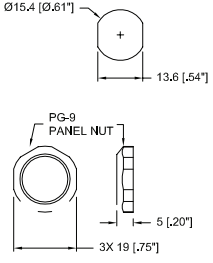
EtherNet/IP Double-Ended Cord Sets

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 border="1"> <thead> <tr> <th>M12</th> <th>Color</th> </tr> </thead> <tbody> <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> </tbody> </table> | M12 | Color | 1 | White Orange | 2 | White Green | 3 | Orange | 4 | Green | <table border="1"> <thead> <tr> <th>M12</th> <th>Color</th> <th>RJ45</th> </tr> </thead> <tbody> <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> </tbody> </table> | M12 | Color | RJ45 | 1 | White Orange | 1 | 2 | White Green | 3 | 3 | Orange | 2 | 4 | Green | 6 | <table border="1"> <thead> <tr> <th>M12</th> <th>Color</th> <th>RJ45</th> </tr> </thead> <tbody> <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> </tbody> </table> | M12 | Color | RJ45 | 1 | White Orange | 1 | 2 | White Green | 3 | 3 | Orange | 2 | 4 | Green | 6 | <table border="1"> <thead> <tr> <th>Color</th> <th>RJ45</th> </tr> </thead> <tbody> <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> </tbody> </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 | IP67 / IP20 | IP20 |
| Operating temperature range | Install = -25°C to +75°C 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 is 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 | | | | |
| |  |  NOTE: Vibration & Oil Resistant applies to M12 side only. |  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.