

## Base Product



## MiNo6 Cat 6 U/UTP Reduced Diameter RJ45 Patch Cord, LS-CM Dual Rated

- Perfect for cross connects, workstations or racks with higher-density and/or limited space
- Small diameter unshielded twisted pair patch cords (0.15 inch/3.81 mm) that offers flexibility, durability and reliability
- Unique laminate barrier wrap provides excellent alien cross-talk performance

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America   |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Twisted pair patch cord   |
| <b>Product Series</b>        | CO   UTG  |
| <b>Ordering Note</b>         | Cords < 1 m are valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords   Cords > 1 m are authorized for use in channels and are an effective standalone method used to connect active devices |

## General Specifications

|                                       |  |
|---------------------------------------|--|
| <b>ANSI/TIA Category</b>              | 6 (except wire gauge)  |
| <b>Cable Type</b>                     | U/UTP (unshielded)   |
| <b>Conductor Type</b>                 | Solid  |
| <b>Interface, Connector A</b>         | RJ45 plug  |
| <b>Interface Feature, connector A</b> | Standard   |
| <b>Interface, Connector B</b>         | RJ45 plug  |
| <b>Interface Feature, connector B</b> | Standard   |
| <b>Jacket Color</b>                   | Black   Blue   Dark gray   Green   Light blue   Orange   Purple   Red   Spring green   Violet   White   Yellow |
| <b>Pairs, quantity</b>                | 4  |
| <b>Transmission Standards</b>         | IEEE 802.3bt Type 4  |
| <b>Wiring</b>                         | T568B  |

## Dimensions

# C016652

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|  |                     |
|--|---------------------|
| <b>Cable Assembly Length Range (m)</b>   | 1 – 40              |
| <b>Cable Assembly Length Range (ft)</b>  | 1 – 131             |
| <b>Cable Assembly Length Range (cm)</b>  | 15 – 999            |
| <b>Cable Assembly Length Range (in)</b>  | 6 – 999             |
| <b>Diameter Over Jacket</b>              | 3.708 mm   0.146 in |
| <b>Compatible Conductor Gauge, solid</b> | 28 AWG              |

## Wiring Diagram

|            | Connector A  | Connector B  |
|------------|--------------|--------------|
| Position 1 | White/Orange | White/Orange |
| Position 2 | Orange       | Orange       |
| Position 3 | Lt. Green    | Lt. Green    |
| Position 4 | Blue         | Blue         |
| Position 5 | Lt. Blue     | Lt. Blue     |
| Position 6 | Green        | Green        |
| Position 7 | Lt. Brown    | Lt. Brown    |
| Position 8 | Brown        | Brown        |

## Electrical Specifications

|                               |         |
|-------------------------------|---------|
| <b>dc Resistance, maximum</b> | 0.3 ohm |
| <b>Safety Voltage Rating</b>  | 300 V   |

## Ordering Tree

# CO166S2

CO     -

## Outlet Color

|   |   |                |
|---|---|----------------|
| 9 | 0 | Not applicable |
|   | 1 | Black          |
|   | 2 | Blue           |
|   | 3 | Gray           |
|   | 4 | Green          |
|   | 5 | Ivory          |
|   | 6 | Orange         |
|   | 7 | Red            |
|   | 8 | White          |
|   | 9 | Yellow         |
|   | B | Lilac          |

## Jacket Color

|    |   |              |
|----|---|--------------|
| 10 | 1 | Black        |
|    | 2 | Light blue   |
|    | 3 | Dark gray    |
|    | 4 | Spring green |
|    | 5 | Ivory        |
|    | 6 | Orange       |
|    | 7 | Red          |
|    | 8 | White        |
|    | 9 | Yellow       |
|    | B | Lilac        |
|    | C | Gray         |
|    | K | Pink         |
|    | L | Violet       |
|    | M | Green        |
|    | Z | Blue         |

## UOM

|    |   |            |
|----|---|------------|
| 11 | F | Foot       |
|    | M | Meter      |
|    | N | Inch       |
|    | C | Centimeter |

## Length

|    |     |
|----|-----|
| 12 | XXX |
|----|-----|

## Notes

- Cords > 1m are authorized for use in channels and are an effective standalone method used to connect active devices
- Cords < 1m are also valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords

## Material Specifications

|                                 |                              |
|---------------------------------|------------------------------|
| <b>Contact Plating Material</b> | Precious metals              |
| <b>Material Type</b>            | Copper alloy   Polycarbonate |

## Mechanical Specifications

|                                      |                   |
|--------------------------------------|-------------------|
| <b>Plug Insertion Life, minimum</b>  | 750 times         |
| <b>Plug Retention Force, minimum</b> | 90 N   20.233 lbf |

## Environmental Specifications

|                              |  |
|------------------------------|--|
| <b>Operating Temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F)       |
| <b>Environmental Space</b>   | Low Smoke Zero Halogen (LSZH)   Non-plenum |
| <b>Flammability Rating</b>   | UL 94 V-0                                  |
| <b>Safety Standard</b>       | Anatel   UL 1863                           |

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|

## Regulatory Compliance/Certifications

|               |  |
|---------------|--|
| <b>Agency</b> | <b>Classification</b>  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |