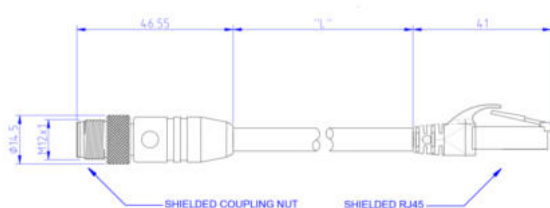
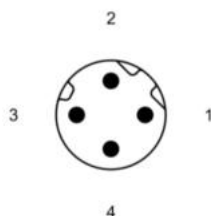


**Product:** [0985 YM57530-Y 103](#) 

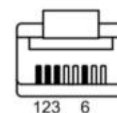
Fast Ethernet Cat5e, double-ended cord set, M12 male, straight, 4-pin, D-coding to a RJ45 male, straight, 8-pin, 24 AWG TPE cable, stranded/shielded, 2 twisted bonded pairs with yellow jacket

**Product Description**

Fast Ethernet Cat5e, double-ended cord set, M12 male, straight, 4-pin, D-coding to a RJ45 male, straight, 8-pin, 24 AWG TPE cable, stranded/shielded, 2 twisted bonded pairs with yellow jacket

**Technical Drawing****Technical Data Side 1**  
M12 Male

**Color Code**  
1 = WH/OR  
2 = WH/GN  
3 = OR  
4 = GN  
Shield = Coupling Nut

**Technical Data Side 2**  
RJ45 Male

**Color Code**  
1 = WH/OR  
3 = WH/GN  
2 = OR  
6 = GN  
Shield = RJ45 Sleeve

**Technical Specifications****Product Description**

|                         |                       |
|-------------------------|-----------------------|
| Product Family:         | Data Connectors       |
| Brand:                  | Lumberg Automation    |
| Connector Type:         | Cordset, double ended |
| Shielding:              | Shielded              |
| Rated Voltage:          | 42 V                  |
| Rated Impulse Voltage:  | 1.5 kV                |
| Operating Voltage:      | 30 V AC/ 42 V DC      |
| Rated Current*:         | 1.5 A                 |
| Data Transmission:      | Fast Ethernet Cat5e   |
| Data Transmission Rate: | 100 Mbit/s            |

**Technical Data Side 1**

|                           |               |
|---------------------------|---------------|
| Product Sub Family:       | M12 Standard  |
| Type of Contact / Gender: | Male          |
| Connector Design:         | Straight      |
| Attachment Type:          | Knurled Screw |
| Number of Pins:           | 4             |

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| Coding:                              | D                                       |
| Mating Cycles:                       | ≤ 100                                   |
| Ambient Temperature (Operation)*:    | - 25 °C - + 75 °C                       |
| Protection Degree / IP Rating**:     | IP65, IP67                              |
| Design Standard:                     | IEC 61076-2-101                         |
| Pollution Degree:                    | 3 acc. to DIN EN 60664-1 (VDE 0110-1)   |
| Overvoltage Category:                | III acc. to DIN EN 60664-1 (VDE 0110-1) |
| Contact Base Material:               | CuSn                                    |
| Contact Plating:                     | Cu/Au                                   |
| Contact Bearer Material:             | PBT                                     |
| Contact Bearer Color:                | Black                                   |
| Flammability Class (Contact Bearer): | UL 94 HB                                |
| Molded Body Material:                | TPU                                     |
| Molded Body Color:                   | Black                                   |
| Flammability Class (Molded Body):    | UL 94 HB                                |
| Attachment Material:                 | CuZn                                    |
| Attachment Plating:                  | Nickel-plated                           |
| Shielding Material:                  | CuZn, tin-plated                        |
| Fastening Torque (Attachment):       | M 12x1: (50-60) Ncm, hand-tight         |

Cable Data

|                                           |                                                                                                                |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Cable Number:                             | YM57530-Y                                                                                                      |
| Conductor Size:                           | 24 AWG                                                                                                         |
| Number of Wires:                          | 2 Pair (bonded twisted pairs)                                                                                  |
| Minimal Bending Radius (Fixed Inst):      | 5 x D                                                                                                          |
| Minimal Bending Radius (Flexible Inst):   | 10 x D                                                                                                         |
| Cycles (Bending):                         | 3                                                                                                              |
| Cycles (Torsion):                         | > 5 M @ ± 360 °/1 m                                                                                            |
| Cable Jacket Material:                    | TPE                                                                                                            |
| Cable Jacket Color:                       | Yellow                                                                                                         |
| Cable Diameter D:                         | ø 7.62 mm                                                                                                      |
| Wire Insulation Material:                 | Polyolefin                                                                                                     |
| Insulated Wire Diameter:                  | ø 1.02 ± 0.05 mm                                                                                               |
| Overall Shield (Cable):                   | TC Braid 65%                                                                                                   |
| Foil shield:                              | Al Foil 100%                                                                                                   |
| Ambient Temperature (Fixed Installation): | - 40 °C - + 75 °C                                                                                              |
| Ambient Temperature (Flex Installation):  | - 25 °C - + 75 °C                                                                                              |
| Ambient Temperature (Drag Chain Inst):    | - 25 °C - + 60 °C                                                                                              |
| UL Cable Type:                            | AWM 20626, 80C 600 V                                                                                           |
| Cable Characteristics:                    | NEMA WC-63.1 Category 5, ICEA 661, Category 5e Patch, TIA/EI-568-B.2, Category 5e, Indoor/Outdoor Yes, Oil Res |
| Core Colors:                              | Bonded Twisted pairs: wh/or   wh/gn                                                                            |

Technical Data Side 2

|                                           |                      |
|-------------------------------------------|----------------------|
| Product Sub Family, Side 2:               | RJ45                 |
| Type of Contact / Gender, Side 2:         | Male                 |
| Connector Design, Side 2:                 | Straight             |
| Attachment Type, Side 2:                  | Plug                 |
| Number of Pins, Side 2:                   | 8 (4 terminated)     |
| Coding, Side 2:                           | RJ45                 |
| Mating Cycles, Side 2:                    | ≤ 750                |
| Ambient Temperature (Operation), Side 2*: | - 40 °C - + 70 °C    |
| Protection Degree / IP Rating, Side 2**:  | IP20                 |
| Contact Base Material, Side 2:            | P / CuSN             |
| Contact Plating, Side 2:                  | Au                   |
| Contact Bearer Material, Side 2:          | Polycarbonate        |
| Contact Bearer Color, Side 2:             | Clear                |
| Molded Body Material, Side 2:             | Elastomer Polyolefin |

|                            |       |
|----------------------------|-------|
| Molded Body Color, Side 2: | Black |
|----------------------------|-------|

Safety & Environmental Compliance

|                 |     |
|-----------------|-----|
| RoHS Compliant: | Yes |
|-----------------|-----|

Resistances

|                 |     |
|-----------------|-----|
| Oil Resistance: | Yes |
|-----------------|-----|

Notes

|                |                 |
|----------------|-----------------|
| Note Derating: | Notice derating |
|----------------|-----------------|

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.20 Revision Date: 02-03-2025 |
|----------------------|-------------------------------------------------|

Variants

| Item #    | Item Description        | Cable Length |
|-----------|-------------------------|--------------|
| 900016224 | 0985 YM57530-Y 103/5M   | 5 m          |
| 900005131 | 0985 YM57530-Y 103/6.5M | 6.5 m        |
| 900016186 | 0985 YM57530-Y 103/10M  | 10 m         |
| 900005151 | 0985 YM57530-Y 103/12M  | 12 m         |
| 900005124 | 0985 YM57530-Y 103/15M  | 15 m         |
| 900005152 | 0985 YM57530-Y 103/16M  | 16 m         |
| 900005125 | 0985 YM57530-Y 103/20M  | 20 m         |
| 900016187 | 0985 YM57530-Y 103/25M  | 25 m         |
| 900016014 | 0985 YM57530-Y 103/30M  | 30 m         |
| 900016188 | 0985 YM57530-Y 103/35M  | 35 m         |
| 900016174 | 0985 YM57530-Y 103/40M  | 40 m         |

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.