



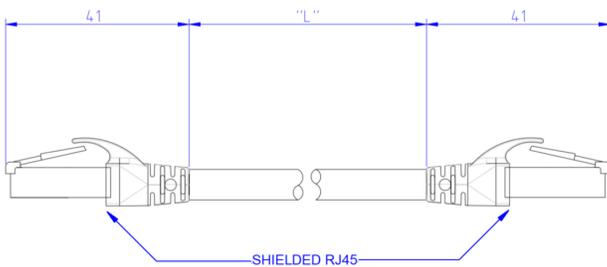
Product: [0985 YM57530 500](#)

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

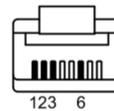
Product Description

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

Technical Drawing

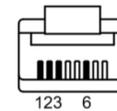


Technical Data Side 1
RJ45 Male



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

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: | RJ45 |
| Type of Contact / Gender: | Male |
| Connector Design: | Straight |
| Attachment Type: | Plug |
| Number of Pins: | 8 (4 terminated) |

| | |
|-----------------------------------|----------------------|
| Coding: | RJ45 |
| Mating Cycles: | ≤ 750 |
| Ambient Temperature (Operation)*: | - 40 °C - + 70 °C |
| Protection Degree / IP Rating**: | IP20 |
| Contact Base Material: | P / CuSN |
| Contact Plating: | Au |
| Contact Bearer Material: | Polycarbonate |
| Contact Bearer Color: | Clear |
| Molded Body Material: | Elastomer Polyolefin |
| Molded Body Color: | Black |

Cable Data

| | |
|---|--|
| Cable Type: | 500 |
| Cable Number: | YM57530 |
| 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: | Teal |
| 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: 0.37 Revision Date: 08-25-2022 |
|----------------------|---|

Variants

| Item # | Item Description | Cable Length |
|-----------|-----------------------|--------------|
| 900005044 | 0985 YM57530 500/0.2M | 0.2 m |
| 900004852 | 0985 YM57530 500/0.3M | 0.3 m |
| 900004163 | 0985 YM57530 500/0.5M | 0.5 m |
| 900004235 | 0985 YM57530 500/3.5M | 0.5 m |
| 900004853 | 0985 YM57530 500/0.6M | 0.6 m |
| 900004164 | 0985 YM57530 500/1M | 1 m |
| 900004165 | 0985 YM57530 500/2M | 2 m |
| 900004166 | 0985 YM57530 500/3M | 3 m |
| 900005024 | 0985 YM57530 500/4M | 4 m |
| 900004167 | 0985 YM57530 500/5M | 5 m |
| 900016281 | 0985 YM57530 500/6M | 6 m |
| 900016280 | 0985 YM57530 500/7M | 7 m |
| 900016252 | 0985 YM57530 500/8M | 8 m |
| 900004168 | 0985 YM57530 500/10M | 10 m |
| 900016254 | 0985 YM57530 500/13M | 13 m |
| 900004169 | 0985 YM57530 500/15M | 15 m |
| 900004170 | 0985 YM57530 500/20M | 20 m |
| 900004422 | 0985 YM57530 500/25M | 25 m |
| 900004423 | 0985 YM57530 500/30M | 30 m |
| 900004424 | 0985 YM57530 500/35M | 35 m |
| 900004425 | 0985 YM57530 500/40M | 40 m |
| 900004426 | 0985 YM57530 500/45M | 45 m |
| 900004427 | 0985 YM57530 500/50M | 50 m |
| 900004428 | 0985 YM57530 500/55M | 55 m |
| 900005010 | 0985 YM57530 500/60M | 60 m |
| 900004429 | 0985 YM57530 500/65M | 65 m |
| 900004430 | 0985 YM57530 500/75M | 75 m |
| 900016189 | 0985 YM57530 500/80M | 80 m |

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