



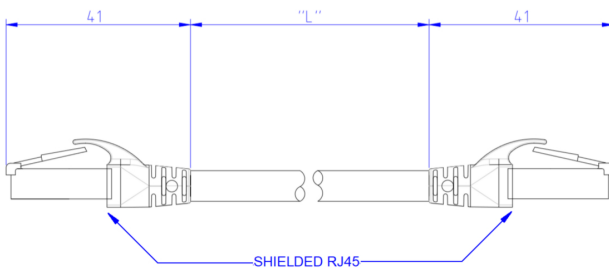
**Product:** [0985 YM57530-W 500](#)

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 white jacket

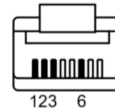
### Product Description

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 white jacket

### Technical Drawing



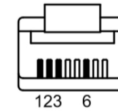
Technical Data Side 1  
RJ45 Male



123 6

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

Technical Data Side 2  
RJ45 Male



123 6

**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 Type:	Shielded
Voltage Rating:	42 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	30 V AC/ 42 V DC
Current Rating:	1.5 A
Data Transmission Type:	Fast Ethernet Cat5e
Data Transmission Rate:	100 Mbit/s

#### Technical Data Side 1

Side 1 Product Sub Family:	RJ45
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Attachment Type:	Plug
Number of Pins:	8 (4 terminated)

Coding, Side 1:	RJ45
Mating Cycles:	≤ 750
Ambient Temperature (Operation)*:	- 40 °C - + 70 °C
Protection Degree / IP Rating**:	IP20
Contact Base Material:	P / CuSN
Side 1 Contact Plating:	Au
Contact Bearer Material:	Polycarbonate
Contact Bearer Color:	Clear
Molded Body Material:	Elastomer Polyolefin
Molded Body Color:	Black

## Cable Data

Cable Number:	YM57530-W
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:	White
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

Side 2 Product Sub Family:	RJ45
Side 2 Type of Contact/Gender:	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
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## Resistances

Oil Resistance:	Yes
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## Notes

Note Derating:	Notice derating
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**History**

Update and Revision:	Revision Number: 0.30 Revision Date: 02-03-2025
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**Variants**

Item #	Item Description	Cable Length
900005004	0985 YM57530-W 500/1M	1 m
900005005	0985 YM57530-W 500/2M	2 m
900005006	0985 YM57530-W 500/3M	3 m
900005057	0985 YM57530-W 500/5M	5 m

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