lumbergautomation
A BELDEN BRAND



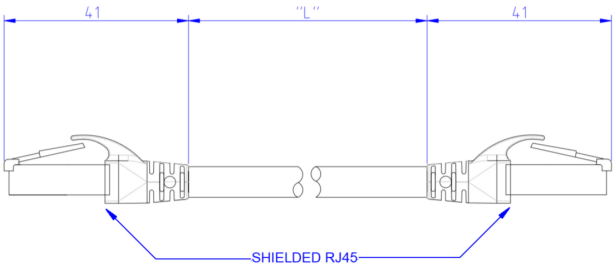
Product: 0985 YM57530 500

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

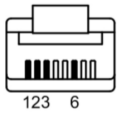
Product Description

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

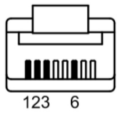


Technical Data Side 1
RJ45 Male



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 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 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

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

Resistances

Oil Resistance:	Yes

Notes

Note Derating:	Notice derating

History

Update and Revision:	Revision Number: 0.40 Revision Date: 04-30-2026

Variants

Item #	Item Description	Cable Length
7167	0985 YM57530 500/15 M	
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

© 2026 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.