



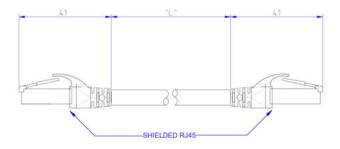
Product: <u>0985 YM57530-BK 500</u> ☑

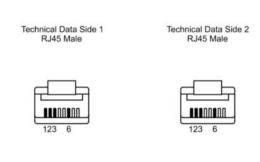
Fast Ethernet Cat5e, double-ended cord set, RJ45 male, straight, 8-pin to a RJ45 male, straight, 8-pin, 24 AWG TPE cable, stranded/shielded, 2 twisted bonded pairs with black jacket

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 black jacket

Technical Drawing





Color Code 1 = WH/OR 3 = WH/GN 2 = OR 6 = GN Shield = RJ45 Sleeve 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 Number:	VALCETOO DIV	
	YM57530-BK	
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:	Black	
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

RJ45
Male
Straight
Plug
8 (4 terminated)
RJ45
≤ 750
- 40 °C - + 70 °C
IP20
P / CuSN
Au
Polycarbonate
Clear
Elastomer Polyolefin
Black

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Resistances

Oil Resistance:	Yes	

Notes

Note Derating: Notice derating

AbN automation

History

Update and Revision: Revision Number: 0.14 Revision Date: 02-03-2025

Variants

Item #	Item Description	Cable Length
900016371	0985 YM57530-BK 500/2M	2 m
900016372	0985 YM57530-BK 500/3M	3 m
900016373	0985 YM57530-BK 500/4M	4 m
900016374	0985 YM57530-BK 500/5M	5 m

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