


Product: [0985 342 500](#) 

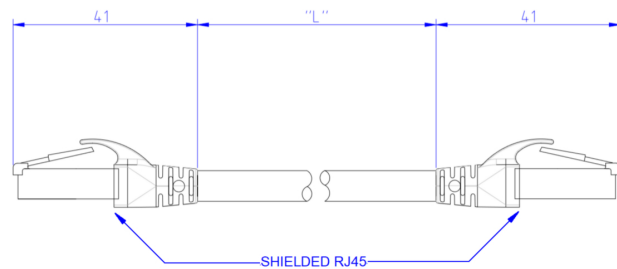
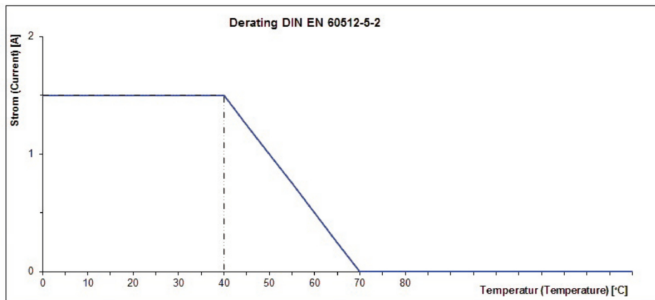


Fast Ethernet Cat5e Data Double-Ended Cordset: Male straight RJ45 Standard to male straight RJ45 Standard, shielded, 50 V AC / 60 V DC, 4 A; PUR green cable, 4-wires, 2x2x0.34 mm²

Product Description

Fast Ethernet Cat5e Data Double-Ended Cordset: Male straight RJ45 Standard to male straight RJ45 Standard, shielded, 50 V AC / 60 V DC, 4 A; PUR green cable, 4-wires, 2x2x0.34 mm²

Technical Drawing



Technical Specifications

Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding Type:	Shielded
Voltage Rating:	AC: 30 V / DC: 40 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 Cat 5e
Data Transmission Rate:	100 Mbit/s

Technical Data Side 1

Side 1 Type of Contact/Gender:	RJ45
Connector Design:	Straight
Attachment Type:	Plug
Number of Pins:	4
Coding, Side 1:	RJ45
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	600V Peak AWM rated
Mating Cycles:	≤ 750
Ambient Temperature (Operation)*:	- 40 °C - + 70 °C
Side 1 Design Standard:	IEC 60603-7-4

Contact Base Material:	P / CuSN
Contact Bearer Material:	Polycarbonate
Molded Body Material:	PUR, black

Cable Data

Cable Number:	342
Conductor Size:	2x2x0.34 mm ²
Number of Wires:	4 - 2 twisted pairs
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 2 M
Cycles (Torsion):	> 2 M @ ± 360 °/1 m
Conductor Material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	green matt similarly RAL 6018
Cable Diameter D:	ø 6.50 ± 0.20 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 1.58 ± 0.05 mm
Overall Shield (Cable):	Cu-ETP1 tinned
Foil shield:	Al-PT Foil
Ambient Temperature (Fixed Installation):	- 50 °C - + 70 °C
Ambient Temperature (Flex Installation):	- 25 °C - + 70 °C
Ambient Temperature (Drag Chain Inst):	- 25 °C - + 60 °C
UL Cable Type:	AWM: 20549
Flammability Class (Cable Jacket):	DIN EN 60332-2-2, VDE 0482-332-2-2, IEC 60332-2-2, CSA FT-2, flame-retardant
Cable Characteristics:	Exclusion of dangerous materials; Line construction similar PROFInet C-Specification; Line requirements similar: IEC 11801, IEC 61156 (CAT 5), EN 50173, EN 50288-2-2 (100MHz-cable and EIA/TIA 568 B (CAT 5e), Good microbes and hydrolysis resistance; Mainly plasticizer diffusion free; Good chemical and oil resistance; Exclusion of PVC and Silicone; LABS-free of lacquer wetting disturbing substances; Coldness flexibility
Core Colors:	star quad: white & blue, yellow & orange

Technical Data Side 2

Connector Design, Side 2:	Straight
Coding, Side 2:	RJ45
Contact Base Material, Side 2:	P / CuSN
Contact Plating, Side 2:	Au
Molded Body Material, Side 2:	PUR, black

Notes

Protection Degree / IP Rating Note:	Only in locked position with it's proper counterparts
Note Derating:	Notice Derating

History

Update and Revision:	Revision Number: 0.38 Revision Date: 04-24-2026
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Variants

Item #	Item Description	Cable Length	Color
900001448	0985 342 500/0.5M		
900001450	0985 342 500/2M		
900001452	0985 342 500/10M		
900001876	0985 342 500/30M		
900003084	0985 342 500/60M		
900001875	0985 342 500/20M		
900004276	0985 342 500/75M		
900004277	0985 342 500/25M		

900016170	0985 342 500/0.3M		
TJNPI01144	0985 342 500/0.3M TOOL SAMPLES		
900001449	0985 342 500/1M	1 m	Color, Match Request
900003065	0985 342 500/3M	3 m	Color, Match Request
900001451	0985 342 500/5M	5 m	Color, Match Request
900001823	0985 342 500/15M	15 m	Color, Match Request
900004273	0985 342 500/40M	40 m	
900003083	0985 342 500/50M	50 m	
900003085	0985 342 500/70M	70 m	

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