




**Product:** [0985 856 500](#) 

Industrial Ethernet double-ended cord set, high-flex, male, RJ45 to RJ45 straight, 4 Bonded-Twisted pairs, 24 AWG, TPE cable, stranded/shielded with teal jacket.

## Product Description

Industrial Ethernet double-ended cord set, high-flex, male, RJ45 to RJ45 straight, 4 Bonded-Twisted pairs, 24 AWG, TPE cable, stranded/shielded with teal jacket.

## Technical Specifications

### Product Description

Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Rated Voltage (UL):	600V according to UL 20626
Data Transmission Rate:	100 Mbit/s

### Technical Data Side 1

Connector Design:	Straight
Attachment Type:	RJ45
Ambient Temperature (Operation)*:	-40° C(-40°F) to +75° C(+167°F)
Protection Degree / IP Rating**:	IP20
Side 1 Design Standard:	IEC 60603-7
Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	EN 60664-1 (2008/01); VDE 0110-1
Contact Base Material:	P / CuSN
Side 1 Contact Plating:	Au
Contact Bearer Material:	Polycarbonate
Contact Bearer Color:	Clear
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	PUR, black
Flammability Class (Molded Body):	UL 94 HB
Housing Material:	Pre-tinned copper alloy
Attachment Material:	Plastic
Attachment Plating:	Au

### Cable Data

Cable Number:	856
Conductor Size:	24 AWG
Cycles (Bending):	> 5 M
Cable Jacket Material:	Thermoplastic Elastomer (TPE)
Cable Jacket Color:	Teal
Cable Diameter D:	7.6 mm nominal
Foil shield:	Aluminum/polyester/aluminum foil, 100% coverage
Cable Characteristics:	600 V AWM 20626, C(UL) US CMR, CSA FT4
Core Colors:	white/orange, orange, white/blue, blue, white/green, green, white/brown,brown

## Technical Data Side 2

Attachment Type, Side 2:	Rj45
Contact Base Material, Side 2:	P / CuSN
Contact Plating, Side 2:	Au
Contact Bearer Material, Side 2:	Polycarbonate
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Molded Body Material, Side 2:	PUR, black
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	Plastic
Attachment Plating, Side 2:	Au

## History

Update and Revision:	Revision Number: 0.10 Revision Date: 04-30-2026
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## Variants

Item #	Item Description	Color
900016090	0985 856 500/0.3M	Color, Match Request
900016091	0985 856 500/0.6M	Color, Match Request
900016092	0985 856 500/1M	Color, Match Request
900016093	0985 856 500/1.5M	Color, Match Request
900016094	0985 856 500/2M	Color, Match Request
900016095	0985 856 500/2.5M	Color, Match Request
900016096	0985 856 500/3M	Color, Match Request
900016098	0985 856 500/4M	Color, Match Request
900016099	0985 856 500/5M	Color, Match Request
900016100	0985 856 500/6M	Color, Match Request
900016101	0985 856 500/8M	Color, Match Request
900016102	0985 856 500/10M	Color, Match Request
900016103	0985 856 500/12M	Color, Match Request
900016104	0985 856 500/15M	Color, Match Request
900016105	0985 856 500/20M	Color, Match Request
900016106	0985 856 500/25M	Color, Match Request
900016107	0985 856 500/30M	Color, Match Request
900016108	0985 856 500/35M	Color, Match Request
900016109	0985 856 500/40M	Color, Match Request
900016110	0985 856 500/45M	Color, Match Request
900016111	0985 856 500/50M	Color, Match Request
900016113	0985 856 500/60M	Color, Match Request
900016115	0985 856 500/70M	Color, Match Request
900016117	0985 856 500/80M	Color, Match Request
900016537	0985 856 500/0.5M	

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