



**Product:** [E5MSJSE6066](#) 

ETHERNET/IP Cat5e 100 Mbps Fast Ethernet Double-Ended Cordset: Male straight D-coded black M12 standard to male straight black RJ45, 26AWG shielded, PUR cable, 2 Pairs

### Product Description

ETHERNET/IP Cat5e 100 Mbps Fast Ethernet Double-Ended Cordset: Male straight D-coded black M12 standard to male straight black RJ45, 26AWG shielded, PUR cable, 2 Pairs

### Technical Drawing



### Technical Specifications

#### Face View Side 1

Pin 1	Pin 2	Pin 3	Pin 4
white/orange	white/green	orange	green

#### Face View Side 2

Pin 1	Pin 2	Pin 3	Pin 4
white/orange	orange	white/green	green

### Product Description

Product Family:	EtherNet / IP Double-ended Cordset
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Shielded
Rated Voltage:	30V
Data Transmission:	Fast Ethernet Cat5e
Data Transmission Rate:	100Mbit/s

### Technical Data Side 1

Product Sub Family:	M12 Standard
Type of Contact / Gender:	Male

Connector Design:	Straight
Attachment Type:	Coupling Screw
Number of Pins:	4
Coding:	D
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10*9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuSn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Black
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
Shielding Material:	CuZn, tin-plated
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

### Cable Data

Cable Type:	2P Cat5e SF/UTP PE/PVC/PU CABLE
Number of Wires:	4
Cable Jacket Material:	Special compound Polyurethane based (UL 758 & UL 1581)
Cable Jacket Color:	See Variants table
Cable Diameter D:	5.6 mm
Wire Insulation Material:	PE
Ambient Temperature (Fixed Installation):	40°C to +85°C
UL Cable Type:	AWM Style 22260
Flammability Class (Cable Jacket):	FT2
Min No. of Drag Chain Cycles:	5 million(15*OD, 1m, 20 cycles/min)
Core Colors:	White/Orange& Orange, White/Green&Green

### Technical Data Side 2

Type of Contact / Gender, Side 2:	Male
Connector Design, Side 2:	Straight
Number of Pins, Side 2:	8
Coding, Side 2:	RJ45
Mating Cycles, Side 2:	≥750
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 80 °C
Protection Degree / IP Rating, Side 2**:	IP20
Attachment Plating, Side 2:	Gold plating in contact area

### Safety & Environmental Compliance

RoHS Compliant:	Yes
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### Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
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### History

Update and Revision:	Revision Number: 0.15 Revision Date: 06-11-2025
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#### Variants

Item #	Cable Length	Color
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E5MSJSE6066050050	0.5 m	Green
E5MSJSE6066060050	0.5 m	Blue
E5MSJSE6066000050	0.5 m	Black
E5MSJSE6066050500	5 m	Green
E5MSJSE6066060500	5 m	Blue
E5MSJSE6066000500	5 m	Black
E5MSJSE6066056000	60 m	Green
E5MSJSE6066066000	60 m	Blue
E5MSJSE6066006000	60 m	Black

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