



Product: [E5MSJSE6067](#) 

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

Notes

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

History

Update and Revision:	Revision Number: 0.14 Revision Date: 06-11-2025
----------------------	---

Variants

Item #	Cable Length	Color
--------	--------------	-------

E5MSJSE6067050050	0.5 m	Green
E5MSJSE6067060050	0.5 m	Blue
E5MSJSE6067000050	0.5 m	Black
E5MSJSE6067050500	5 m	Green
E5MSJSE6067060500	5 m	Blue
E5MSJSE6067000500	5 m	Black
E5MSJSE6067056000	60 m	Green
E5MSJSE6067066000	60 m	Blue
E5MSJSE6067006000	60 m	Black

© 2025 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.