



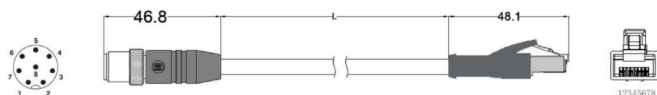
**Product:** [E6ASJSE6042](#) 

Gigabit Ethernet Cat5e Data Double-Ended Cordset: Male straight A-coded black M12 standard to male straight black RJ45, shielded, PU cable, 8 wires

## Product Description

Gigabit Ethernet Cat5e Data Double-Ended Cordset: Male straight A-coded black M12 standard to male straight black RJ45, shielded, PU cable, 8 wires

## Technical Drawing



## Technical Specifications

### Face View Side 1

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
White/Blue	White/Brown	Brown	Orange	White/Green	White/Orange	Blue	Green

### Face View Side 2

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
White/Orange	Orange	White/Green	Blue	White/Blue	Green	White/Brown	Brown

## Product Description

Product Family:	EtherNet / IP Double-ended Cordset
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Shielded
Data Transmission:	Gigabit Ethernet Cat5e
Data Transmission Rate:	100Mbits

## Technical Data Side 1

Product Sub Family:	M12 Standard
Type of Contact / Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw
Number of Pins:	8
Coding:	A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 <sup>8</sup> Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C + 80 °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)
Overvoltage Category:	II acc. To DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuZn

Contact Plating:	Cu/Au
Contact Bearer Material:	TPU-GF
Contact Bearer Color:	Orange
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
Note:	Nom. Fitted Impedance: 100 Ohm

## Cable Data

Cable Type:	4 Pair Cat5e PE/OS/OBS/PU LAN CABLE
Number of Wires:	8
Cable Jacket Material:	PU
Cable Diameter D:	Nom. 7.3 mm
Wire Insulation Material:	Polyolefin
Insulated Wire Diameter:	1.18 mm
Ambient Temperature (Fixed Installation):	20°C to +80°C
UL Cable Type:	UL 758 AWM Style 2095
Flammability Class (Cable Jacket):	IEC 60332-1, FT-2
Min No. of Drag Chain Cycles:	Min. 1 million cycles (2m distance, 18D bending radius, 20 cycles/min speed)
Core Colors:	1. Blue & Blue/White, 2. Orange & Orange/White, 3. Green & Green/White, 4. Brown & Brown/White

## 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
Ambient Temperature (Operation), Side 2*:	- 40 °C + 85 °C
Protection Degree / IP Rating, Side 2**:	IP20
Housing Material, Side 2:	PC - Polycarbonate, UL 94 V-0 rated
Attachment Plating, Side 2:	Gold plating in contact area
Shielding Material, Side 2:	Copper Alloy

## 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: 0.12 Revision Date: 07-13-2023
----------------------	---

## Variants

Item #	Item Description	Cable Length
E6ASJSE60420050	EIP 1Gbps M12 A-RJ45 4P24 0.5m PU	0.5 m
E6ASJSE60420100	EIP 1Gbps M12 A-RJ45 4P24 1.0m PU	1 m
E6ASJSE60420200	EIP 1Gbps M12 A-RJ45 4P24 2.0m PU	2 m
E6ASJSE60420500	EIP 1Gbps M12 A-RJ45 4P24 5.0m PU	5 m
E6ASJSE60421000	EIP 1Gbps M12 A-RJ45 4P24 10.0m PU	10 m

© 2024 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.