

Product: [E5JSJSE9054](#) 



ETHERNET/IP Cat5e 100 Mbps Fast Ethernet Double-Ended Cordset: Male straight black RJ45 to male straight black RJ45, shielded, PVC teal cable, 4-wires.

Product Description

ETHERNET/IP Cat5e 100 Mbps Fast Ethernet Double-Ended Cordset: Male straight black RJ45 to male straight black RJ45, shielded, PVC teal cable, 4-wires.

Technical Specifications

Product Description

Product Family:	EtherNet / IP Double-ended Cordset
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Shielded
Rated Voltage:	30 V AC / 42 V DC
Data Transmission:	Fast Ethernet Cat5e
Data Transmission Rate:	100Mbit/s

Technical Data Side 1

Type of Contact / Gender:	Male
Connector Design:	Straight
Number of Pins:	8
Coding:	RJ45
Ambient Temperature (Operation)*:	- 20 °C - + 75 °C
Protection Degree / IP Rating**:	IP20
Housing Material:	Copper alloy PC - Polycarbonate, UL 94V-2 rated
Attachment Plating:	Gold plating in contact area

Cable Data

Cable Type:	2P Cat5e SF/UTP PE/PVC CABLE
Number of Wires:	4
Minimal Bending Radius (Flexible Inst):	10 * OD
Conductor material:	Stranded Bare Copper
Cable Jacket Material:	PVC
Cable Jacket Color:	Teal similarly RAL5021
Cable Diameter D:	6.3 mm
Wire Insulation Material:	Polyolefin
Insulated Wire Diameter:	1.15 mm
Ambient Temperature (Fixed Installation):	25°C to +80°C
UL Cable Type:	AWM Style 2095
Flammability Class (Cable Jacket):	FT2/IEC 603321
Min No. of Drag Chain Cycles:	1 million
Cable Characteristics:	Min. 1 million cycles

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*:	- 20 °C - + 75 °C
Protection Degree / IP Rating, Side 2**:	IP20
Housing Material, Side 2:	Copper alloy PC - Polycarbonate, UL 94V-2 rated
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: 0.50 Revision Date: 06-29-2023
----------------------	---

Variants

Item #	Item Description	Cable Length
E5JSJSE90540100	EIP 100Mbps RJ45-RJ45 2P24 1m	1 m
E5JSJSE90540500	EIP 100Mbps RJ45-RJ45 2P24 5m	5 m
E5JSJSE90541000	EIP 100Mbps RJ45-RJ45 2P24 10m	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.