





Ethernet/IP CAT5e 1000 Mbps Double-Ended Cordset, male straight transparent RJ45 to male straight transparent RJ45, shielded, LSZH cable, 8 wires

## **Product Description**

Ethernet/IP CAT5e 1000 Mbps Double-Ended Cordset, male straight transparent RJ45 to male straight transparent RJ45, shielded, LSZH cable, 8 wires

# **Technical Specifications**

## **Product Description**

Product Family:	EtherNet / IP Double-ended Cordset
Brand:	Lumberg Automation
Connector Type:	RJ45 Male
Shielding:	Shielded
Operating Voltage:	30 V
Data Transmission:	1000 Mbps

#### **Technical Data Side 1**

Product Sub Family:	RJ45
Connector Design:	Straight
Number of Pins:	8
Coding:	RJ45
Ambient Temperature (Operation)*:	- 25°C to + 70°C
Protection Degree / IP Rating**:	IP20
Housing Material:	PC - Polycarbonate, UL94-V0 rated
Attachment Plating:	Gold plating in contact area
Shielding Material:	Copper Alloy

## **Cable Data**

Cable Type:	4P26AWG CAT5e S/FTP LSZH Patch CABLE
Number of Wires:	8 wires
Cable- resistances:	14.5 Ohm/100m
ISO/IEC Compliance:	ISO/IEC 11801
UL AWM Style Compliance:	AWM 21100
Conductor material:	Stranded Bare Copper
Cable Jacket Material:	LSZH
Cable Diameter D:	6.2 mm
Wire Insulation Material:	Polyolefin
Foil shield:	Shielding: Each pair with individual foil + overall braid shield
Ambient Temperature (Fixed Installation):	20°C to +80°C
Flammability Class (Cable Jacket):	FT2, IEC 603321, IEC 60332-3A
Core Colors:	1: Blue& White, 2: Orange& White, 3: Green& White, 4: Brown& White

## **Technical Data Side 2**

Product Sub Family, Side 2:	RJ45
Connector Design, Side 2:	Straight

Number of Pins, Side 2:	8
Coding, Side 2:	RJ45
Ambient Temperature (Operation), Side 2*:	- 25°C to + 70°C
Protection Degree / IP Rating, Side 2**:	IP20
Housing Material, Side 2:	PC - Polycarbonate, UL94-V0 rated
Attachment Plating, Side 2:	Gold plating in contact area
Shielding Material, Side 2:	Copper Alloy

# Safety & Environmental Compliance

RoHS Compliant:	Yes
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## Resistances

Oil Resistance:	Yes	ĺ

# Notes

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

# History

Update and Revision: Revision Number: 0.19 Revision Date: 04-19-2023

#### Variants

Variants			
Item #	Cable Length	Color	
A5JSJSA6014060030	0.3 m	Blue	
A5JSJSA6014060050	0.5 m	Blue	
A5JSJSA6014060100	1 m	Blue	
A5JSJSA6014010100	1 m	Brown	
A5JSJSA6014020100	1 m	Red	
A5JSJSA6014030100	1 m	Orange	
A5JSJSA6014040100	1 m	Yellow	
A5JSJSA6014050100	1 m	Green	
A5JSJSA6014070100	1 m	Purple	
A5JSJSA6014080100	1 m	Gray	
A5JSJSA6014090100	1 m	White	
A5JSJSA6014000100	1 m	Black	
A5JSJSA6014060150	1.5 m	Blue	
A5JSJSA6014060200	2 m	Blue	
A5JSJSA6014010200	2 m	Brown	
A5JSJSA6014020200	2 m	Red	
A5JSJSA6014030200	2 m	Orange	
A5JSJSA6014040200	2 m	Yellow	
A5JSJSA6014050200	2 m	Green	
A5JSJSA6014070200	2 m	Purple	
A5JSJSA6014080200	2 m	Gray	
A5JSJSA6014090200	2 m	White	
A5JSJSA6014000200	2 m	Black	
A5JSJSA6014060300	3 m	Blue	
A5JSJSA6014010300	3 m	Brown	
A5JSJSA6014020300	3 m	Red	
A5JSJSA6014030300	3 m	Orange	
A5JSJSA6014040300	3 m	Yellow	
A5JSJSA6014050300	3 m	Green	
A5JSJSA6014070300	3 m	Purple	
A5JSJSA6014080300	3 m	Gray	
A5JSJSA6014090300	3 m	White	
A5JSJSA6014000300	3 m	Black	
A5JSJSA6014060500	5 m	Blue	
A5JSJSA6014061000	10 m	Blue	
A5JSJSA6014061500	15 m	Blue	
A5JSJSA6014062000	20 m	Blue	
A5JSJSA6014062500	25 m	Blue	
A5JSJSA6014063000	30 m	Blue	

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