

**Product:** [A7JSJSA6023](#) 



Ethernet/IP CAT6A 10 Gbps 10 Gigabit Ethernet double-ended cordset, Male straight transparent RJ45 to male straight transparent RJ45, shielded, PVC cable, 8 wires.

**Product Description**

Ethernet/IP CAT6A 10 Gbps 10 Gigabit Ethernet double-ended cordset, Male straight transparent RJ45 to male straight transparent RJ45, shielded, PVC cable, 8 wires.

**Technical Specifications**

**Product Description**

Product Family:	EtherNet / IP Double-ended Cordset
Brand:	Lumberg Automation
Connector Type:	RJ45 Male
Shielding:	Shielded
Rated Voltage:	30 V
Data Transmission:	10GBase-T, Cat6A
Data Transmission Rate:	10Gbit/s
Suitable Applications:	Support current and future Category 6a and 6 applications, such as: 10GBase-T (10 Gigabit Ethernet), 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, PoE ++ IEEE 802.3 bt type 3 and type 4 is applicable for max. 10m patch cord applications

**Technical Data Side 1**

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:	4P 26AWG Cat6A S/FTP PVC Patch CABLE
Number of Wires:	8 Cores
Cable- resistances:	14.5 Ohm/100m
ISO/IEC Compliance:	ISO/IEC 11801
UL AWM Style Compliance:	AWM 20276
Conductor material:	Stranded Bare Copper
Cable Jacket Material:	PVC
Cable Diameter D:	6.2 mm
Wire Insulation Material:	Polyolefin
Insulated Wire Diameter:	1.08 mm
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

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
-----------------	-----

## Notes

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

## History

Update and Revision:	Revision Number: 0.37 Revision Date: 07-14-2023
----------------------	---

## Variants

Item #	Cable Length	Color
A7JSJSA6023060030	0.3 m	Blue
A7JSJSA6023060050	0.5 m	Blue
A7JSJSA6023000100	1 m	Black
A7JSJSA6023010100	1 m	Brown
A7JSJSA6023020100	1 m	Red
A7JSJSA6023030100	1 m	Orange
A7JSJSA6023040100	1 m	Yellow
A7JSJSA6023050100	1 m	Green
A7JSJSA6023060100	1 m	Blue
A7JSJSA6023070100	1 m	Purple
A7JSJSA6023080100	1 m	Gray
A7JSJSA6023090100	1 m	White
A7JSJSA6023060150	1.5 m	Blue
A7JSJSA6023000200	2 m	Black
A7JSJSA6023010200	2 m	Brown
A7JSJSA6023020200	2 m	Red
A7JSJSA6023030200	2 m	Orange
A7JSJSA6023040200	2 m	Yellow
A7JSJSA6023050200	2 m	Green
A7JSJSA6023060200	2 m	Blue
A7JSJSA6023070200	2 m	Purple
A7JSJSA6023080200	2 m	Gray
A7JSJSA6023090200	2 m	White
A7JSJSA6023000300	3 m	Black
A7JSJSA6023010300	3 m	Brown
A7JSJSA6023020300	3 m	Red
A7JSJSA6023030300	3 m	Orange
A7JSJSA6023040300	3 m	Yellow
A7JSJSA6023050300	3 m	Green
A7JSJSA6023060300	3 m	Blue
A7JSJSA6023070300	3 m	Purple
A7JSJSA6023080300	3 m	Gray
A7JSJSA6023090300	3 m	White
A7JSJSA6023060500	5 m	Blue
A7JSJSA6023060750	7.5 m	Blue
A7JSJSA6023061000	10 m	Blue

A7JSJSA6023061500	15 m	Blue
A7JSJSA6023062000	20 m	Blue
A7JSJSA6023062500	25 m	Blue
A7JSJSA6023063000	30 m	Blue

© 2023 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.