



Product: <u>A7JSJSA6023</u> ☑

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
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History

Update and Revision:	Revision Number: 0.37 Revision Date: 07-13-2023

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

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