

Product: [A7JSJSA6021](#) 



Ethernet/IP CAT6A 10 Gbps 10 Gigabit Ethernet double-ended cordset, Male straight transparent RJ45 to male straight transparent RJ45, shielded, LSZH 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, LSZH 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 LSZH Patch CABLE
Number of Wires:	8 Cores
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
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
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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
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Resistances

Oil Resistance:	Yes
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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: 0.45 Revision Date: 07-13-2023
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Variants

Item #	Cable Length	Color
A7JSJA6021060030	0.3 M	Blue
A7JSJA6021060050	0.5 M	Blue
A7JSJA6021000100	1 M	Black
A7JSJA6021010100	1 M	Brown
A7JSJA6021020100	1 M	Red
A7JSJA6021030100	1 M	Orange
A7JSJA6021040100	1 M	Yellow
A7JSJA6021050100	1 M	Green
A7JSJA6021060100	1 M	Blue
A7JSJA6021070100	1 M	Purple
A7JSJA6021080100	1 M	Gray
A7JSJA6021090100	1 M	White
A7JSJA6021060150	1.5 M	Blue
A7JSJA6021000200	2 M	Black
A7JSJA6021010200	2 M	Brown
A7JSJA6021020200	2 M	Red
A7JSJA6021030200	2 M	Orange
A7JSJA6021040200	2 M	Yellow
A7JSJA6021050200	2 M	Green
A7JSJA6021060200	2 M	Blue
A7JSJA6021070200	2 M	Purple
A7JSJA6021080200	2 M	Gray
A7JSJA6021090200	2 M	White
A7JSJA6021000300	3 M	Black
A7JSJA6021010300	3 M	Brown
A7JSJA6021020300	3 M	Red
A7JSJA6021030300	3 M	Orange
A7JSJA6021040300	3 M	Yellow
A7JSJA6021050300	3 M	Green
A7JSJA6021060300	3 M	Blue
A7JSJA6021070300	3 M	Purple
A7JSJA6021080300	3 M	Gray
A7JSJA6021090300	3 M	White

A7JSJSA6021060500	5 M	Blue
A7JSJSA6021080500	5 M	Gray
A7JSJSA6021061000	10 M	Blue
A7JSJSA6021061500	15 M	Blue
A7JSJSA6021062000	20 M	Blue
A7JSJSA6021062500	25 M	Blue
A7JSJSA6021063000	30 M	Blue

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