

Product: [A7JSJSA6027](#) 



Ethernet/IP CAT6A 10 Gbps 10 Gigabit Ethernet double-ended cordset, Male straight transparent RJ45 to male straight transparent RJ45, shielded, PU 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, PU 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
Operating 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

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:	26AWG CAT6A S/FTP PVC/PU Patch CABLE
Number of Wires:	8 wires
Cable- resistances:	14.5 Ohm/100m
ISO/IEC Compliance:	ISO/IEC 11801
UL AWM Style Compliance:	AWM 22313
Conductor material:	Stranded Bare Copper
Cable Jacket Material:	Special Compound Polyurethane
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

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
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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: 0.19 Revision Date: 07-14-2023
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Variants

Item #	Cable Length	Color
A7JSJSA6027060030	0.3 m	Blue
A7JSJSA6027060050	0.5 m	Blue
A7JSJSA6027060100	1 m	Blue
A7JSJSA6027010100	1 m	Brown
A7JSJSA6027020100	1 m	Red
A7JSJSA6027030100	1 m	Orange
A7JSJSA6027040100	1 m	Yellow
A7JSJSA6027050100	1 m	Green
A7JSJSA6027070100	1 m	Purple
A7JSJSA6027080100	1 m	Gray
A7JSJSA6027090100	1 m	White
A7JSJSA6027000100	1 m	Black
A7JSJSA6027060150	1.5 m	Blue
A7JSJSA6027060200	2 m	Blue
A7JSJSA6027010200	2 m	Brown
A7JSJSA6027020200	2 m	Red
A7JSJSA6027030200	2 m	Orange
A7JSJSA6027040200	2 m	Yellow
A7JSJSA6027050200	2 m	Green
A7JSJSA6027070200	2 m	Purple
A7JSJSA6027080200	2 m	Gray
A7JSJSA6027090200	2 m	White
A7JSJSA6027000200	2 m	Black
A7JSJSA6027060300	3 m	Blue
A7JSJSA6027010300	3 m	Brown
A7JSJSA6027020300	3 m	Red
A7JSJSA6027030300	3 m	Orange
A7JSJSA6027040300	3 m	Yellow
A7JSJSA6027050300	3 m	Green
A7JSJSA6027070300	3 m	Purple

A7JSJSA6027080300	3 m	Gray
A7JSJSA6027090300	3 m	White
A7JSJSA6027000300	3 m	Black
A7JSJSA6027060500	5 m	Blue
A7JSJSA6027061000	10 m	Blue
A7JSJSA6027061500	15 m	Blue
A7JSJSA6027062000	20 m	Blue
A7JSJSA6027062500	25 m	Blue
A7JSJSA6027063000	30 m	Blue

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