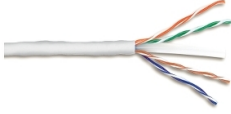


# Product datasheet

Specifications

## Category6, 4pr UTP Cable 305m White, LSZH



ACT4P6ULS3RBWE

### Main

Range	Actassi
Product or component type	Copper cable
Colour tint	White
Cable shielding type	U/UTP

### Complementary

Type of cable	4 pair cables
Communication network category	6

Minimum return loss	Guaranteed: 21.0 dB at 1 MHz Guaranteed: 24.0 dB at 4 MHz Guaranteed: 25.5 dB at 8 MHz Guaranteed: 26.0 dB at 10 MHz Guaranteed: 26.0 dB at 16 MHz Guaranteed: 26.0 dB at 20 MHz Guaranteed: 25.3 dB at 25 MHz Guaranteed: 24.6 dB at 31.25 MHz Guaranteed: 22.5 dB at 62.5 MHz Guaranteed: 21.1 dB at 100 MHz Guaranteed: 19.0 dB at 200 MHz Guaranteed: 18.3 dB at 250 MHz
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Attenuation	Guaranteed: 9.5 dB @ 25 kHz per 100 m cable Guaranteed: 10.7 dB @ 31.25 kHz per 100 m cable Guaranteed: 19.8 dB @ 100 kHz per 100 m cable Guaranteed: 32.8 dB @ 250 kHz per 100 m cable Guaranteed: 6 dB @ 10 kHz per 100 m cable Guaranteed: 15.4 dB @ 62.5 kHz per 100 m cable Guaranteed: 29 dB @ 200 kHz per 100 m cable Guaranteed: 8.5 dB @ 20 kHz per 100 m cable Guaranteed: 3.8 dB @ 4 kHz per 100 m cable Guaranteed: 5.3 dB @ 8 kHz per 100 m cable Guaranteed: 7.6 dB @ 16 kHz per 100 m cable Guaranteed: 2 dB @ 1 kHz per 100 m cable
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Power sum near-end crosstalk [PSNEXT]	Guaranteed: 75.3 dB at 1 MHz Guaranteed: 66.3 dB at 4 MHz Guaranteed: 61.8 dB at 8 MHz Guaranteed: 60.3 dB at 10 MHz Guaranteed: 57.2 dB at 16 MHz Guaranteed: 55.8 dB at 20 MHz Guaranteed: 54.3 dB at 25 MHz Guaranteed: 52.9 dB at 31.25 MHz Guaranteed: 48.4 dB at 62.5 MHz Guaranteed: 45.3 dB at 100 MHz Guaranteed: 40.8 dB at 200 MHz Guaranteed: 39.3 dB at 250 MHz
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Near end crosstalk [NEXT]</b>	Guaranteed: 77.3 dB at 1 MHz Guaranteed: 68.3 dB at 4 MHz Guaranteed: 63.8 dB at 8 MHz Guaranteed: 62.3 dB at 10 MHz Guaranteed: 59.2 dB at 16 MHz Guaranteed: 57.8 dB at 20 MHz Guaranteed: 56.3 dB at 25 MHz Guaranteed: 54.9 dB at 31.25 MHz Guaranteed: 50.4 dB at 62.5 MHz Guaranteed: 47.3 dB at 100 MHz Guaranteed: 42.8 dB at 200 MHz Guaranteed: 41.3 dB at 250 MHz
<b>Input impedance</b>	100 Ohm (+/- 6) at 1...100 MHz
<b>Maximum loop resistance</b>	73.2 Ohm
<b>Capacitance unbalance</b>	330 pF / 100 m
<b>Maximum resistance unbalance</b>	5 %
<b>Nominal velocity propagation</b>	68 %
<b>Wire insulation material</b>	PE
<b>Conductor material</b>	Solid bare copper
<b>AWG gauge</b>	AWG 23
<b>Cable outer diameter</b>	6 mm
<b>Cable length</b>	305 m

## Environment

<b>Ambient air temperature for operation</b>	75 °C
<b>Product certifications</b>	IEC
<b>Flame retardance</b>	LSZH
<b>Standards</b>	ANSI/TIA/EIA-568-B ISO/IEC 11801 UL 444

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	35.0 cm
<b>Package 1 Width</b>	27.0 cm
<b>Package 1 Length</b>	33.0 cm
<b>Package 1 Weight</b>	14.5 kg

## Contractual warranty

<b>Warranty</b>	18 months
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