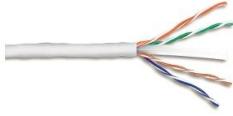


# Product datasheet

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 [Psn <sub>ext</sub> ]	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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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation**

[REACH Declaration](#)

**Eu Rohs Directive**

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

**China Rohs Regulation**

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

**Environmental Disclosure**

[Product Environmental Profile](#)

**Circularity Profile**

No need of specific recycling operations