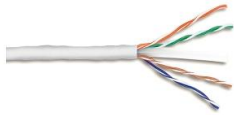


Product datasheet

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
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
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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Near End Crosstalk [Next]	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
Input Impedance	100 Ohm (+/- 6) at 1...100 MHz
Maximum Loop Resistance	73.2 Ohm
Capacitance Unbalance	330 pF / 100 m
Maximum Resistance Unbalance	5 %
Nominal Velocity Propagation	68 %
Wire Insulation Material	PE
Conductor Material	Solid bare copper
Awg Gauge	AWG 23
Cable Outer Diameter	6 mm
Cable Length	305 m

Environment

Ambient Air Temperature For Operation	75 °C
Product Certifications	IEC
Flame Retardance	LSZH
Standards	ANSI/TIA/EIA-568-B ISO/IEC 11801 UL 444

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	35.0 cm
Package 1 Width	27.0 cm
Package 1 Length	33.0 cm
Package 1 Weight	14.5 kg

Contractual warranty

Warranty	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-CO₂ 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