

Product datasheet

Specifications

Actassi - cable - category 6A - 10G - UTP - 305m - white - LSZH



ACTTG4P6AULS3RWE

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	6A

Minimum return loss	Guaranteed: 20 dB at 1 MHz Guaranteed: 23 dB at 4 MHz Guaranteed: 24.5 dB at 8 MHz Guaranteed: 25 dB at 10 MHz Guaranteed: 25 dB at 16 MHz Guaranteed: 25 dB at 20 MHz Guaranteed: 24.3 dB at 25 MHz Guaranteed: 23.6 dB at 31.25 MHz Guaranteed: 21.5 dB at 62.5 MHz Guaranteed: 20.1 dB at 100 MHz Guaranteed: 18 dB at 200 MHz Guaranteed: 17.3 dB at 250 MHz Guaranteed: 16.8 dB at 300 MHz Guaranteed: 15.9 dB at 400 MHz Guaranteed: 15.2 dB at 500 MHz
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Attenuation	Guaranteed: 2.1 dB @ 1 MHz per 100 m cable Guaranteed: 3.8 dB @ 4 MHz per 100 m cable Guaranteed: 5.3 dB @ 8 MHz per 100 m cable Guaranteed: 5.9 dB @ 10 MHz per 100 m cable Guaranteed: 7.5 dB @ 16 MHz per 100 m cable Guaranteed: 8.4 dB @ 20 MHz per 100 m cable Guaranteed: 9.4 dB @ 25 MHz per 100 m cable Guaranteed: 10.5 dB @ 31.25 MHz per 100 m cable Guaranteed: 15 dB @ 62.5 MHz per 100 m cable Guaranteed: 9.1 dB @ 100 MHz per 100 m cable Guaranteed: 27.6 dB @ 200 MHz per 100 m cable Guaranteed: 31.1 dB @ 250 MHz per 100 m cable Guaranteed: 34.3 dB @ 300 MHz per 100 m cable Guaranteed: 40.1 dB @ 400 MHz per 100 m cable Guaranteed: 45.3 dB @ 500 MHz per 100 m cable
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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.

Power sum alien near-end crosstalk [PSANEXT]	67 dB at 1 MHz
	67 dB at 4 MHz
	67 dB at 8 MHz
	67 dB at 10 MHz
	67 dB at 16 MHz
	67 dB at 20 MHz
	67 dB at 25 MHz
	67 dB at 31.25 MHz
	65.6 dB at 62.5 MHz
	65.6 dB at 100 MHz
	58 dB at 200 MHz
	56.5 dB at 250 MHz
	55.3 dB at 300 MHz
	53.5 dB at 400 MHz
	52 dB at 500 MHz

Power sum attenuation to alien crosstalk ratio far-end [PSAACRF]	66.2 dB at 4 MHz
	60.1 dB at 8 MHz
	58.2 dB at 10 MHz
	54.1 dB at 16 MHz
	52.2 dB at 20 MHz
	50.2 dB at 25 MHz
	48.3 dB at 31.25 MHz
	42.3 dB at 62.5 MHz
	38.2 dB at 100 MHz
	32.2 dB at 200 MHz
	30.2 dB at 250 MHz
	28.7 dB at 300 MHz
	26.2 dB at 400 MHz
	24.2 dB at 500 MHz

Near end crosstalk [NEXT]	Guaranteed: 74.3 dB at 1 MHz
	Guaranteed: 65.3 dB at 4 MHz
	Guaranteed: 60.8 dB at 8 MHz
	Guaranteed: 59.3 dB at 10 MHz
	Guaranteed: 56.2 dB at 16 MHz
	Guaranteed: 54.8 dB at 20 MHz
	Guaranteed: 53.3 dB at 25 MHz
	Guaranteed: 51.9 dB at 31.25 MHz
	Guaranteed: 47.4 dB at 62.5 MHz
	Guaranteed: 44.3 dB at 100 MHz
	Guaranteed: 39.8 dB at 200 MHz
	Guaranteed: 38.3 dB at 250 MHz
	Guaranteed: 37.1 dB at 300 MHz
	Guaranteed: 35.3 dB at 400 MHz
	Guaranteed: 33.8 dB at 500 MHz

Input impedance	100 Ohm (+/- 15 %) at 1...100 MHz
	100 Ohm (+/- 22 %) at 100...250 MHz

Maximum loop resistance	72 Ohm
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Capacitance unbalance	330 pF / 100 m
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Maximum resistance unbalance	5 %
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Wire insulation material	HDPE
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Conductor material	Solid bare copper
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AWG gauge	AWG 23
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Cable outer diameter	8.5 mm
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Cable length	305 m
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Cable weight	17 kg
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Environment

Ambient air temperature for operation	0...75 °C
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Flame retardance	LSZH
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Standards	ISO/IEC 11801 Ea
	TIA/EIA-568-B.2-10

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	26.0 cm
Package 1 Width	35.0 cm
Package 1 Length	35.0 cm
Package 1 Weight	13.2 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	0.3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold
Halogen-free status	Product contains halogen above thresholds
PVC free	No

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	41
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins