Product datasheet

Specifications

Actassi - cable - category 6A - 10G - UTP - 305m - blue - CM

ACTTG4P6AUCM3RBU

Main

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

Complementary

Type of cable	4 pair cables
Communication network category	6A
Minimum return loss	Guaranteed: 20 dB at 1 kHz Guaranteed: 23 dB at 4 kHz Guaranteed: 24.5 dB at 8 kHz Guaranteed: 25 dB at 10 kHz Guaranteed: 25 dB at 16 kHz Guaranteed: 25 dB at 20 kHz Guaranteed: 24.3 dB at 25 kHz Guaranteed: 23.6 dB at 31.25 kHz Guaranteed: 21.5 dB at 62.5 kHz Guaranteed: 20.1 dB at 100 kHz Guaranteed: 18 dB at 200 kHz Guaranteed: 17.3 dB at 250 kHz Guaranteed: 16.8 dB at 300 kHz Guaranteed: 15.9 dB at 400 kHz Guaranteed: 15.2 dB at 500 kHz
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

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
Capacitance unbalance	330 pF / 100 m
Maximum resistance unbalance	5 %
Wire insulation material	PE
Conductor material	Solid bare copper
AWG gauge	AWG 23
Cable outer diameter	7.3 mm
Cable length	305 m
Cable weight	17 kg

Environment

Ambient air temperature for operation	75 °C
Flame retardance	CM
Standards	ANSI/TIA-568-C.2
	ISO/IEC 11801 Ea

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.0 cm
Package 1 Width	33.0 cm
Package 1 Length	35.0 cm
Package 1 Weight	13.5 kg

Contractual warranty

Warranty	18 months

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	**1**
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	**Pro-active compliance (Product out of EU RoHS legal scope)**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

End of life manual availability	**No need of specific recycling operations**
Take-back	**No**

Life Is On | Schneider Electric