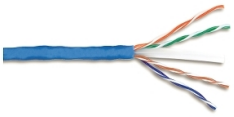
Product datasheet

Specifications



Category6, 4pr UTP Cable 305m Blue, CM

ACT4P6UCM3RBBU

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	6
Minimum return loss	Guaranteed: 20.1 dB at 100 MHz Guaranteed: 17.3 dB at 250 MHz
Attenuation	Guaranteed: 19.8 dB @ 100 kHz per 100 m cable Guaranteed: 32.8 dB @ 250 kHz per 100 m cable
Power sum near-end crosstalk [PSNEXT]	Guaranteed: 42.3 dB at 100 MHz Guaranteed: 36.3 dB at 250 MHz
Near end crosstalk [NEXT]	Guaranteed: 44.3 dB at 100 MHz Guaranteed: 38.3 dB at 250 MHz
Input impedance	100 Ohm (+/-5) at 100000 kHz
Maximum loop resistance	15 Ohm per 100 m
Capacitance unbalance	330 pF / 100 m
Maximum resistance unbalance	5 % pair to pair 2 % within a pair
Nominal velocity propagation	68 %
Wire insulation material	PE
Conductor material	Solid bare copper
AWG gauge	23 AWG
Cable outer diameter	6.2 mm
Cable length	305 m

Environment

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

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	27 cm
Package 1 Width	35 cm
Package 1 Length	33 cm
Package 1 Weight	12 kg

Contractual warranty

Warranty (in months)	18

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	**78 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**45 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**4 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]	**26 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 Again

Repack and remanufacture

Recyclability potential, in %	**40**
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**