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



Actassi, copper cable, category 5e, 4 pair, UTP, 305 m grey, CM

ACT4P5EUCM3RBGY

Main

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

Complementary

Complementary		
Type of cable	4 pair cables	
Communication network category	5e	
Minimum return loss	Guaranteed: 19.4 dB at 0.772 MHz	
	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	
Attenuation	Guaranteed: 1.8 dB @ 0.772 MHz per 100 m cable	
	Guaranteed: 2 dB @ 1 MHz per 100 m cable	
	Guaranteed: 4.1 dB @ 4 MHz per 100 m cable	
	Guaranteed: 5.8 dB @ 8 MHz per 100 m cable	
	Guaranteed: 6.5 dB @ 10 MHz per 100 m cable	
	Guaranteed: 8.2 dB @ 16 MHz per 100 m cable	
	Guaranteed: 9.3 dB @ 20 MHz per 100 m cable	
	Guaranteed: 10.4 dB @ 25 MHz per 100 m cable	
	Guaranteed: 11.7 dB @ 31.25 MHz per 100 m cable	
	Guaranteed: 17 dB @ 62.5 MHz per 100 m cable	
	Guaranteed: 22 dB @ 100 MHz per 100 m cable	
Power sum near-end crosstalk	Guaranteed: 64 dB at 0.772 MHz	
[PSNEXT]	Guaranteed: 62.3 dB at 1 MHz	
	Guaranteed: 53.3 dB at 4 MHz	
	Guaranteed: 48.8 dB at 8 MHz	
	Guaranteed: 47.3 dB at 10 MHz	

Guaranteed: 48.8 dB at 6 MHz Guaranteed: 47.3 dB at 10 MHz Guaranteed: 44.3 dB at 16 MHz Guaranteed: 42.8 dB at 20 MHz Guaranteed: 41.3 dB at 25 MHz

Guaranteed: 39.9 dB at 31.25 MHz Guaranteed: 35.4 dB at 62.5 MHz Guaranteed: 32.3 dB at 100 MHz

Near end crosstalk [NEXT]	Guaranteed: 67 dB at 0.772 MHz Guaranteed: 65.3 dB at 1 MHz Guaranteed: 56.3 dB at 4 MHz Guaranteed: 56.3 dB at 4 MHz Guaranteed: 51.8 dB at 8 MHz Guaranteed: 50.3 dB at 10 MHz Guaranteed: 47.3 dB at 16 MHz Guaranteed: 45.8 dB at 20 MHz Guaranteed: 44.3 dB at 25 MHz Guaranteed: 42.9 dB at 31.25 MHz Guaranteed: 38.4 dB at 62.5 MHz Guaranteed: 35.3 dB at 100 MHz	
Input impedance	100 Ohm (+/- 6) at 1100 MHz	
Maximum loop resistance	93.8 Ohm	
Capacitance unbalance	330 pF / 100 m	
Maximum resistance unbalance	5 %	
Wire insulation material	PE	
Conductor material	Solid bare copper	
AWG gauge	AWG 24	
Cable outer diameter	4.9 mm	
Cable length	305 m	

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	21.0 cm
Package 1 Width	35.0 cm
Package 1 Length	35.0 cm
Package 1 Weight	11.0 kg



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

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