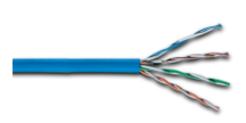
## Product data sheet Characteristics

## ACT4P5EUCM3RBBU

Actassi - cable - category 5e - 4 pair - UTP - 305m - blue - CM





Main	
Range of product	Actassi
Range	Actassi
Product or component-type	Copper cable
Colour tint	Rlue

## Complementary

Type of cable	4 pair cables	
Cable shielding type	UTP	
Communication network category	5e	
Flame retardance	CM	
Return loss	20 dB, at 1 MHz 23 dB, at 4 MHz 25 dB, at 10 MHz 25 dB, at 16 MHz 25 dB, at 20 MHz 24.3 dB, at 25 MHz 23.6 dB, at 31.25 MHz 21.5 dB, at 62.5 MHz 20.1 dB, at 100 MHz 19.4 dB, at 0.772 MHz 24.5 dB, at 8 MHz	
Attenuation	2 dB at 1 MHz, cable length 100 m 4.1 dB at 4 MHz, cable length 100 m 5.8 dB at 8 MHz, cable length 100 m 6.5 dB at 10 MHz, cable length 100 m 8.2 dB at 16 MHz, cable length 100 m 9.3 dB at 20 MHz, cable length 100 m 10.4 dB at 25 MHz, cable length 100 m 11.7 dB at 31.25 MHz, cable length 100 m 17 dB at 62.5 MHz, cable length 100 m 22 dB at 100 MHz, cable length 100 m 1.8 dB at 0.772 MHz, cable length 100 m	
Attenuation to crosstalk ratio [ACR]	63 dB at 1 MHz, cable length 100 m 52 dB at 4 MHz, cable length 100 m 46 dB at 8 MHz, cable length 100 m 44 dB at 10 MHz, cable length 100 m 39 dB at 16 MHz, cable length 100 m 37 dB at 20 MHz, cable length 100 m 34 dB at 25 MHz, cable length 100 m 31 dB at 31.25 MHz, cable length 100 m 21 dB at 62.5 MHz, cable length 100 m 13 dB at 100 MHz, cable length 100 m 65 dB at 0.772 MHz, cable length 100 m	

Power sum near-end crosstalk [PS NEXT]	62.3 dB at 1 MHz
	53.3 dB at 4 MHz 48.8 dB at 8 MHz
	47.3 dB at 10 MHz
	42.8 dB at 20 MHz
	41.3 dB at 25 MHz
	39.9 dB at 31.25 MHz
	35.4 dB at 62.5 MHz
	32.3 dB at 100 MHz
	64 dB at 0.772 MHz 44.3 dB at 16 MHz
Near end crosstalk [NEXT]	65.3 dB at 1 MHz 56.3 dB at 4 MHz
	51.8 dB at 8 MHz
	50.3 dB at 10 MHz
	47.3 dB at 16 MHz
	45.8 dB at 20 MHz
	44.3 dB at 25 MHz
	42.9 dB at 31.25 MHz 38.4 dB at 62.5 MHz
	35.3 dB at 100 MHz
	67 dB at 0.772 MHz
Input impedance	100 Ohm (+/- 6) at 1100 MHz
Loop resistance	<= 93.8 Ohm/km
Capacitance unbalance	330 pF / 100 m
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
Standards	ISO/IEC 11801
	ANSI/TIA/EIA-568-B
	UL 444
Offer Sustainability	
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1101 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual	warranty
Culliactual	wanant

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Warranty period	18 months

Product Life Status : Commercialised

