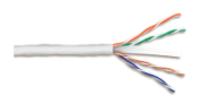
## Product data sheet Characteristics

# ACT4P6ULS3RBWE

Category6, 4pr UTP Cable 305m White, LSZH





### Main

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

### Complementary

Type of cable	4 pair cables
Cable shielding type	UTP
Communication network category	6
Flame retardance	LSZH
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]	65 dB at 0.772 MHz 63 dB at 1 MHz 52 dB at 4 MHz 46 dB at 8 MHz 44 dB at 10 MHz 39 dB at 16 MHz 37 dB at 20 MHz 34 dB at 31.25 MHz 31 dB at 62.5 MHz 13 dB at 100 MHz

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	<= 73.2 Ohm/km
Capacitance unbalance	330 pF / 100 m
Resistance unbalance	<= 5 %
Wire insulation material	PE
Conductor material	Solid bare copper
AWG gauge	AWG 23
Cable outer diameter	6 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
	OL 444
Offer Sustainability	
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
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#### Contractual warranty

Product end of life instructions

Warranty period	18 months	

Need no specific recycling operations

Product Life Status : Commercialised

