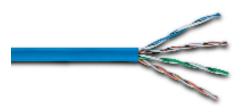
# Product data sheet Characteristics

# ACT4P5EUCM3RBBU

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





#### 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	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 [PSNEXT]	Guaranteed: 64 dB at 0.772 MHz
	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: 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: 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	ANSI/TIA/EIA-568-B UL 444 ISO/IEC 11801

#### Packing Units

· coming orme		
Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	11 Kg	
Package 1 Height	21 Cm	
Package 1 width	35 Cm	
Package 1 Length	35 Cm	

## Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	<b>☑</b> REACh Declaration	
REACh free of SVHC	Yes	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
Toxic heavy metal free	Yes	
Mercury free	Yes	
RoHS exemption information	₫Yes	
China RoHS Regulation	☑ China RoHS Declaration	
Environmental Disclosure	<sup>™</sup> Product Environmental Profile	

### Contractual warranty

Warranty 1	8 months
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Product Life Status : Commercialised

