

Product data sheet Characteristics

ACT4P6UCM3RBBU

Category6, 4pr UTP Cable 305m Blue, CM





Main

IVIAIII	
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	AWG 23	
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

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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	

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	☐ China RoHS Declaration
RoHS exemption information	€Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations

