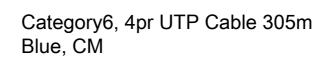
Product datasheet

Specifications





ACT4P6UCM3RBBU

Main

Range	Actassi
Product or component type	Copper cable
Colour tint	Blue
Cable shielding type	II/IITP

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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

20 Feb 2025 Life Is On Schneider

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

Contractual warranty

Warranty 18 months





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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
China RoHS Regulation	China RoHS declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No

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