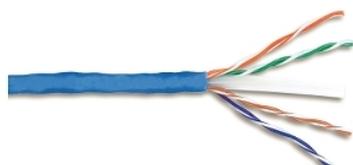


Product data sheet

Characteristics

ACT4P6UCM3RBBU

Category6, 4pr UTP Cable 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	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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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

Contractual warranty

Warranty	18 months
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