



Main

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

Complementary

Type of cable	4 pair cables
Cable shielding type	UTP
Communication network category	6
Flame retardance	CM
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 25 MHz 31 dB at 31.25 MHz 21 dB at 62.5 MHz 13 dB at 100 MHz

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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 1...100 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	4.9 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

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 contains SVHC above the threshold - Go to CaP for more details- Go to CaP for more details
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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Product Life Status : **Commercialised**