



Main

Range of product	Actassi
Product or component type	Copper cable

Complementary

Type of cable	4 pair cables
Cable shielding type	UTP
Communication network category	6
Flame retardance	LSZH
Return loss	20.1 dB, at 100 MHz 21.5 dB, at 62.5 MHz 23.6 dB, at 31.25 MHz 24.3 dB, at 25 MHz 25 dB, at 20 MHz 25 dB, at 16 MHz 25 dB, at 10 MHz 24.5 dB, at 8 MHz 23 dB, at 4 MHz 20 dB, at 1 MHz 19.4 dB, at 0.772 MHz
Attenuation	22 dB at 100 MHz, cable length 100 m 17 dB at 62.5 MHz, cable length 100 m 11.7 dB at 31.25 MHz, cable length 100 m 10.4 dB at 25 MHz, cable length 100 m 9.3 dB at 20 MHz, cable length 100 m 8.2 dB at 16 MHz, cable length 100 m 6.5 dB at 10 MHz, cable length 100 m 5.8 dB at 8 MHz, cable length 100 m 4.1 dB at 4 MHz, cable length 100 m 2 dB at 1 MHz, cable length 100 m 1.8 dB at 0.772 MHz, cable length 100 m
Attenuation to crosstalk ratio (ACR)	13 dB at 100 MHz 21 dB at 62.5 MHz 31 dB at 31.25 MHz 34 dB at 25 MHz 37 dB at 20 MHz 39 dB at 16 MHz 44 dB at 10 MHz 46 dB at 8 MHz 52 dB at 4 MHz 63 dB at 1 MHz 65 dB at 0.772 MHz

Power Sum Near End Crosstalk (PS NEXT)	32.3 dB at 100 MHz 35.4 dB at 62.5 MHz 39.9 dB at 31.25 MHz 41.3 dB at 25 MHz 42.8 dB at 20 MHz 44.3 dB at 16 MHz 47.3 dB at 10 MHz 48.8 dB at 8 MHz 53.3 dB at 4 MHz 62.3 dB at 1 MHz 64 dB at 0.772 MHz
Near end crosstalk	35.3 dB at 100 MHz 38.4 dB at 62.5 MHz 42.9 dB at 31.25 MHz 44.3 dB at 25 MHz 45.8 dB at 20 MHz 47.3 dB at 16 MHz 50.3 dB at 10 MHz 51.8 dB at 8 MHz 56.3 dB at 4 MHz 65.3 dB at 1 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 %
Colour tint	White
Wire insulation material	PE
Conductor material	Solid bare copper
AWG gauge	AWG 23
Temperature resistance	75 °C
Product certifications	UL
Cable outer diameter	4.9 mm
Cable length	305 m

Environment

Standards	ISO/IEC 11801 ANSI/TIA/EIA-568-B UL 444
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Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1101 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations