



Main

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

Complementary

Type of cable	4 pair cables
Cable shielding type	UTP
Communication network category	5e
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]	63 dB at 1 MHz, cable length 100 m 52 dB at 4 MHz, cable length 100 m 46 dB at 8 MHz, cable length 100 m

Disclaimer: 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

	44 dB at 10 MHz, cable length 100 m 39 dB at 16 MHz, cable length 100 m 37 dB at 20 MHz, cable length 100 m 34 dB at 25 MHz, cable length 100 m 31 dB at 31.25 MHz, cable length 100 m 21 dB at 62.5 MHz, cable length 100 m 13 dB at 100 MHz, cable length 100 m 65 dB at 0.772 MHz, cable length 100 m
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	<= 93.8 Ohm/km
Capacitance unbalance	330 pF / 100 m
Resistance unbalance	5 %
Wire insulation material	PE
Conductor material	Solid bare copper
AWG gauge	AWG 24
Cable outer diameter	4.9 mm
Cable length	305 m

Environment

Temperature resistance	75 °C
Product certifications	UL
Standards	ANSI/TIA/EIA-568-B UL 444 ISO/IEC 11801

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 not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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