



Main

Product or component type	Copper cable
Cable shielding type	UTP
Communication network category	5e
Colour tint	Grey

Complementary

Type of cable	4 twisted-pairs cable
Conductor material	Solid bare copper
Return loss	19.4 dB @ 0.772 MHz 20 dB @ 1 MHz 23 dB @ 4 MHz 24.5 dB @ 8 MHz 25 dB @ 10 MHz 25 dB @ 16 MHz 25 dB @ 20 MHz 24.3 dB @ 25 MHz 23.6 dB @ 31.25 MHz 21.5 dB @ 62.5 MHz 20.1 dB @ 100 MHz
Attenuation	9.3 dB / 100 m @ 20 MHz 2 dB / 100 m @ 1 MHz 4.1 dB / 100 m @ 4 MHz 17 dB / 100 m @ 62.5 MHz 6.5 dB / 100 m @ 10 MHz 8.2 dB / 100 m @ 16 MHz 10.4 dB / 100 m @ 25 MHz 11.7 dB / 100 m @ 31.25 MHz 5.8 dB / 100 m @ 8 MHz 22 dB / 100 m @ 100 MHz
Attenuation to crosstalk ratio [ACR]	63 dB @ 1 MHz 52 dB @ 4 MHz 46 dB @ 8 MHz 44 dB @ 10 MHz 39 dB @ 16 MHz 37 dB @ 20 MHz 34 dB @ 25 MHz

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

	31 dB @ 31.25 MHz 21 dB @ 62.5 MHz 13 dB @ 100 MHz
Power sum near-end crosstalk [PS NEXT]	62.3 dB @ 1 MHz 53.3 dB @ 4 MHz 47.3 dB @ 10 MHz 42.8 dB @ 20 MHz 39.9 dB @ 31.25 MHz 35.4 dB @ 62.5 MHz 32.3 dB @ 100 MHz 48.8 dB @ 8 MHz 44.3 dB @ 16 MHz 41.3 dB @ 25 MHz
Near end crosstalk [NEXT]	65.3 dB @ 1 MHz 56.3 dB @ 4 MHz 50.3 dB @ 10 MHz 45.8 dB @ 20 MHz 42.9 dB @ 31.25 MHz 38.4 dB @ 62.5 MHz 35.3 dB @ 100 MHz 51.8 dB @ 8 MHz 47.3 dB @ 16 MHz 44.3 dB @ 25 MHz
Equal level far end crosstalk [ELFEXT]	63.8 dB @ 1 MHz 51.7 dB @ 4 MHz 45.7 dB @ 8 MHz 43.8 dB @ 10 MHz 39.7 dB @ 16 MHz 37.7 dB @ 20 MHz 35.8 dB @ 25 MHz 33.9 dB @ 31.25 MHz 27.8 dB @ 62.5 MHz 23.8 dB @ 100 MHz
Power sum equal level far end crosstalk [PSELFEXT]	60.8 dB @ 1 MHz 48.7 dB @ 4 MHz 42.7 dB @ 8 MHz 40.8 dB @ 10 MHz 36.7 dB @ 16 MHz 34.7 dB @ 20 MHz 32.8 dB @ 25 MHz 30.9 dB @ 31.25 MHz 24.8 dB @ 62.5 MHz 20.8 dB @ 100 MHz
Delay skew	543 ns / 100 m @ 16 MHz 541 ns / 100 m @ 25 MHz 540 ns / 100 m @ 100 MHz 540 ns / 100 m @ 31.25 MHz 547 ns / 100 m @ 8 MHz 542 ns / 100 m @ 20 MHz 570 ns / 100 m @ 1 MHz 552 ns / 100 m @ 4 MHz 539 ns / 100 m @ 62.5 MHz 545 ns / 100 m @ 10 MHz
Input impedance	100 Ohm +/- 6 % @ 1...100 MHz
DC resistance	<= 72 Ohm
Insulation resistance	>= 500 mOhm/km 500 V DC
Nominal velocity propagation	69 %
Cable outer diameter	5.1 mm
Cable length	305 m
AWG gauge	AWG 24
Material	For jacket : PVC (polyvinyl chloride)

Environment

Flame retardance	UL 94 V-0
Product certifications	UL/ETL verified UL listed
Standards	ANSI/TIA-568-C.2

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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