



### Main

Range of product	Digilink
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 31 dB @ 31.25 MHz 21 dB @ 62.5 MHz 13 dB @ 100 MHz

DCECAUTP4P1X

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
Loop resistance	<= 72 Ohm
Insulation resistance	>= 500 mOhm/km 500 V DC
Nominal velocity propagation	69 %
Cable outer diameter	5.1 mm
Cable length	100 m
Diameter	0.573 mm
AWG gauge	AWG 24
Material	For jacket : PVC (polyvinyl chloride)

## Environment

Flame retardance	UL 94 V-0
Product certifications	UL listed UL/ETL verified
Standards	ANSI/TIA-568-C.2 ISO/IEC 11801

## Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1622 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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# DCECAUTP4P1X