



### Main

Range of product	Digilink
Product or component type	Copper cable
Cable shielding type	UTP
Communication network category	6
Colour tint	Grey

### Complementary

Type of cable	4 twisted-pairs cable
Conductor material	Solid bare copper
Return loss	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 18 dB @ 200 MHz 17.3 dB @ 250 MHz 18.9 dB @ 150 MHz
Attenuation	7.6 dB / 100 m @ 16 MHz 29 dB / 100 m @ 200 MHz 9.5 dB / 100 m @ 25 MHz 2 dB / 100 m @ 1 MHz 10.7 dB / 100 m @ 31.25 MHz 19.8 dB / 100 m @ 100 MHz 5.3 dB / 100 m @ 8 MHz 6 dB / 100 m @ 10 MHz 24.7 dB / 100 m @ 150 MHz 8.5 dB / 100 m @ 20 MHz 32.8 dB / 100 m @ 250 MHz 3.8 dB / 100 m @ 4 MHz 15.4 dB / 100 m @ 62.5 MHz
Attenuation to crosstalk ratio [ACR]	72 dB @ 1 MHz

DC6CAUTP4P3X

	61 dB @ 4 MHz 55 dB @ 8 MHz 53 dB @ 10 MHz 49 dB @ 16 MHz 46 dB @ 20 MHz 44 dB @ 25 MHz 41 dB @ 31.25 MHz 32 dB @ 62.5 MHz 25 dB @ 100 MHz 16.9 dB @ 150 MHz 10.8 dB @ 200 MHz 5.5 dB @ 250 MHz
Power sum near-end crosstalk [PS NEXT]	72.3 dB @ 1 MHz 63.3 dB @ 4 MHz 57.3 dB @ 10 MHz 54.2 dB @ 16 MHz 52.8 dB @ 20 MHz 49.9 dB @ 31.25 MHz 45.4 dB @ 62.5 MHz 42.3 dB @ 100 MHz 37.8 dB @ 200 MHz 36.3 dB @ 250 MHz 58.8 dB @ 8 MHz 51.3 dB @ 25 MHz 39.7 dB @ 150 MHz
Near end crosstalk [NEXT]	74.3 dB @ 1 MHz 65.3 dB @ 4 MHz 60.8 dB @ 8 MHz 59.3 dB @ 10 MHz 56.2 dB @ 16 MHz 54.8 dB @ 20 MHz 53.3 dB @ 25 MHz 51.9 dB @ 31.25 MHz 47.4 dB @ 62.5 MHz 44.3 dB @ 100 MHz 39.8 dB @ 200 MHz 38.3 dB @ 250 MHz 41.7 dB @ 150 MHz
Equal level far end crosstalk [ELFEXT]	67.8 dB @ 1 MHz 55.8 dB @ 4 MHz 49.7 dB @ 8 MHz 47.8 dB @ 10 MHz 43.7 dB @ 16 MHz 41.8 dB @ 20 MHz 39.8 dB @ 25 MHz 37.9 dB @ 31.25 MHz 31.9 dB @ 62.5 MHz 27.8 dB @ 100 MHz 21.8 dB @ 200 MHz 19.8 dB @ 250 MHz 24.3 dB @ 150 MHz
Power sum equal level far end crosstalk [PSELFEXT]	64.8 dB @ 1 MHz 52.8 dB @ 4 MHz 46.7 dB @ 8 MHz 44.8 dB @ 10 MHz 40.7 dB @ 16 MHz 38.8 dB @ 20 MHz 36.8 dB @ 25 MHz 34.9 dB @ 31.25 MHz 28.9 dB @ 62.5 MHz 24.8 dB @ 100 MHz 18.8 dB @ 200 MHz 16.8 dB @ 250 MHz 21.3 dB @ 150 MHz
Delay skew	543 ns / 100 m @ 16 MHz 537 ns / 100 m @ 200 MHz 541 ns / 100 m @ 25 MHz 540 ns / 100 m @ 31.25 MHz 538 ns / 100 m @ 100 MHz 547 ns / 100 m @ 8 MHz 537 ns / 100 m @ 150 MHz 542 ns / 100 m @ 20 MHz 570 ns / 100 m @ 1 MHz 536 ns / 100 m @ 250 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...300 MHz
Loop resistance	<= 72 Ohm
Insulation resistance	>= 500 mOhm/km 500 V DC
Nominal velocity propagation	69 %
Cable outer diameter	6 mm
Cable length	305 m
AWG gauge	AWG 23
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

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1101 - 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 environmental profile	Available
Product end of life instructions	Need no specific recycling operations

### Contractual warranty

Warranty period	18 months
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# DC6CAUTP4P3X