Product datasheet

Specifications

Green Premium™

Discontinued

DIGILINK solid cable - category 6A - UTP - 4 pair - 305 m

DCTCAUTP4P3X

Discontinued on: 15-Dec-2023

Main

Range	Digilink
Product Or Component Type	Copper cable
Device Application	Transmission
Cable Shielding Type	UTP
Communication Network Category	6_A
Colour Tint	Grey

Complementary

Type Of Cable	4 twisted pair cables
Conductor Material	Copper
Minimum Return Loss	29.2 dB 1 MHz 36.7 dB 4 MHz 35.8 dB 8 MHz 33.2 dB 10 MHz 33 dB 16 MHz 32.1 dB 20 MHz 31.8 dB 25 MHz 29 dB 31.25 MHz 28.4 dB 65.5 MHz 27.9 dB 100 MHz 26.8 dB 200 MHz 25.6 dB 250 MHz 24.8 dB 300 MHz 24.4 dB 350 MHz 22.7 dB 400 MHz 16.5 dB 500 MHz 16.1 dB 600 MHz
Attenuation	1.2 dB / 100 m at 1 MHz 2.3 dB / 100 m at 4 MHz 3.2 dB / 100 m at 8 MHz 4 dB / 100 m at 10 MHz 5.1 dB / 100 m at 16 MHz 5.9 dB / 100 m at 20 MHz 6.3 dB / 100 m at 25 MHz 7.1 dB / 100 m at 31.25 MHz 10 dB / 100 m at 65.5 MHz 12.9 dB / 100 m at 100 MHz 19.8 dB / 100 m at 200 MHz 21.9 dB / 100 m at 250 MHz 23.8 dB / 100 m at 300 MHz 25.9 dB / 100 m at 350 MHz 30.8 dB / 100 m at 400 MHz 31.2 dB / 100 m at 500 MHz 36.3 dB / 100 m at 600 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

Power Sum Near-End Crosstalk [Psnext]	83.4 dB at 1 MHz 82.2 dB at 4 MHz 77 dB at 8 MHz 76.2 dB at 10 MHz 70.3 dB at 16 MHz 67.2 dB at 20 MHz 67.3 dB at 25 MHz 64.6 dB at 31.25 MHz 59.6 dB at 65.5 MHz 59 dB at 100 MHz 53 dB at 200 MHz 47 dB at 250 MHz 45.4 dB at 300 MHz 44.5 dB at 350 MHz 45.6 dB at 400 MHz 40.4 dB at 500 MHz 38.3 dB at 600 MHz
Near End Crosstalk [Next]	89.8 dB at 1 MHz 86.3 dB at 4 MHz 79.4 dB at 8 MHz 78.3 dB at 10 MHz 80.6 dB at 16 MHz 77.8 dB at 20 MHz 71.2 dB at 25 MHz 71.3 dB at 31.25 MHz 67.6 dB at 65.5 MHz 65 dB at 100 MHz 59.3 dB at 200 MHz 55.2 dB at 250 MHz 51.4 dB at 300 MHz 49 dB at 350 MHz 48.1 dB at 400 MHz 47.9 dB at 500 MHz 37.9 dB at 600 MHz
Equal Level Far End Crosstalk [Elfext]	88 dB at 1 MHz 80.7 dB at 4 MHz 80.2 dB at 8 MHz 77.4 dB at 10 MHz 73.6 dB at 16 MHz 67 dB at 20 MHz 60.9 dB at 25 MHz 58.5 dB at 31.25 MHz 56.3 dB at 65.5 MHz 49.2 dB at 100 MHz 48.9 dB at 200 MHz 41.4 dB at 250 MHz 40.3 dB at 300 MHz 37.4 dB at 350 MHz 36.3 dB at 400 MHz 35.2 dB at 500 MHz 35.5 dB at 600 MHz
Power Sum Equal Level Far End Crosstalk [Pselfext]	80.6 dB at 1 MHz 69.3 dB at 4 MHz 63.3 dB at 8 MHz 61.5 dB at 10 MHz 57.3 dB at 16 MHz 55.4 dB at 20 MHz 53.9 dB at 25 MHz 51.8 dB at 31.25 MHz 49.9 dB at 65.5 MHz 46.7 dB at 100 MHz 35.8 dB at 200 MHz 30.5 dB at 250 MHz 30.2 dB at 300 MHz 31.1 dB at 350 MHz 27.4 dB at 400 MHz 26 dB at 500 MHz 22.2 dB at 600 MHz
Input Impedance	100 Ohm (+/- 6) at 1…600 MHz
Dc Resistance	72 Ohm per 1 km
[Ue] Rated Operational Voltage	72 V DC (maximum)
Dielectric Strength	1500 V for 1 min

Insulation Resistance	>= 500 MOhm/km 1 km 500 V DC
Nominal Velocity Propagation	69 %
Cable Outer Diameter	8 mm
Cable Length	305 m
Awg Gauge	AWG 23
Material	PVC (polyvinyl chloride): jacket

Environment

Product Certifications	UL listed UL/ETL verified
Standards	ANSI/TIA/EIA-568-C.2 IEC 61156-5

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.5 cm
Package 1 Width	4.0 cm
Package 1 Length	4.0 cm
Package 1 Weight	10.75 g

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Circularity Profile	No need of specific recycling operations