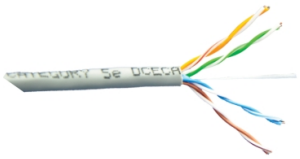
Product data sheet

Specifications



Category 5e 4 pair UTP Cable 305m

DCECAUTP4P3X

Discontinued on: Dec 15, 2023

Discontinued

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
Minimum 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 19.4 dB 0.772 MHz
Attenuation	2 dB / 100 m at 1 MHz 4.1 dB / 100 m at 4 MHz 5.8 dB / 100 m at 8 MHz 6.5 dB / 100 m at 10 MHz 8.2 dB / 100 m at 16 MHz 9.3 dB / 100 m at 20 MHz 10.4 dB / 100 m at 25 MHz 11.7 dB / 100 m at 31.25 MHz 17 dB / 100 m at 62.5 MHz 22 dB / 100 m at 100 MHz
Attenuation To Crosstalk Ratio [Acr]	63 dB at 1 MHz 52 dB at 4 MHz 46 dB at 8 MHz 44 dB at 10 MHz 39 dB at 16 MHz 37 dB at 20 MHz 34 dB at 25 MHz 31 dB at 31.25 MHz 21 dB at 62.5 MHz 13 dB at 100 MHz

Power Sum Near-End Crosstalk [Psnext]	62.3 dB at 1 MHz 53.3 dB at 4 MHz 48.8 dB at 8 MHz 47.3 dB at 10 MHz 44.3 dB at 16 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
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
Equal Level Far End Crosstalk [Elfext]	63.8 dB at 1 MHz 51.7 dB at 4 MHz 45.7 dB at 8 MHz 43.8 dB at 10 MHz 39.7 dB at 16 MHz 37.7 dB at 20 MHz 35.8 dB at 25 MHz 33.9 dB at 31.25 MHz 27.8 dB at 62.5 MHz 23.8 dB at 100 MHz
Power Sum Equal Level Far End Crosstalk [Pselfext]	60.8 dB at 1 MHz 48.7 dB at 4 MHz 42.7 dB at 8 MHz 40.8 dB at 10 MHz 36.7 dB at 16 MHz 34.7 dB at 20 MHz 32.8 dB at 25 MHz 30.9 dB at 31.25 MHz 24.8 dB at 62.5 MHz 20.8 dB at 100 MHz
Delay Skew	570 ns / 100 m at 1 MHz 552 ns / 100 m at 4 MHz 547 ns / 100 m at 8 MHz 545 ns / 100 m at 10 MHz 543 ns / 100 m at 16 MHz 542 ns / 100 m at 20 MHz 541 ns / 100 m at 25 MHz 540 ns / 100 m at 31.25 MHz 539 ns / 100 m at 62.5 MHz 540 ns / 100 m at 100 MHz
Input Impedance	100 Ohm (+/- 6 %) at 1…100 MHz
Dc Resistance	72 Ohm
Insulation Resistance	>= 500 mOhm/km 1 km 500 V DC
Nominal Velocity Propagation	69 %
Cable Outer Diameter	5.1 mm
Cable Length	305 m
Awg Gauge	AWG 24
Material	PVC (polyvinyl chloride): jacket

Environment

Flame Retardance	V-0 conforming to UL 94
Product Certifications	UL listed UL/ETL verified

Standards	ANSI/TIA-568-C.2 ISO/IEC 11801

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	36.0 cm
Package 1 Width	20.0 cm
Package 1 Length	37.0 cm
Package 1 Weight	10.0 kg

Contractual warranty

Warranty	18 months

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 >

Transparency

RoHS/REACh

Well-being performance

Reach Free Of Svhc	
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)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations