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	63 dB at 1 MHz
[Acr]	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	62.3 dB at 1 MHz
[Psnext]	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	63.8 dB at 1 MHz
[Elfext]	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	60.8 dB at 1 MHz
Crosstalk [Pselfext]	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
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Input Impedance	100 Ohm (+/- 6 %) at 1100 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

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 PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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 >



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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