Product datasheet

Specifications

Sreen Premium™



① Discontinued

Category 6 4 pair UTP Cable 305m

DC6CAUTP4P3X

- () Discontinued on: 15 Dec 2023
- (!) End-of-service on: 9 Mar 2023

Main

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
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
	18.9 dB 150 MHz
	18 dB 200 MHz
	17.3 dB 250 MHz
Attenuation	2 dB / 100 m at 1 MHz
	3.8 dB / 100 m at 4 MHz
	5.3 dB / 100 m at 8 MHz
	6 dB / 100 m at 10 MHz
	7.6 dB / 100 m at 16 MHz
	8.5 dB / 100 m at 20 MHz
	9.5 dB / 100 m at 25 MHz
	10.7 dB / 100 m at 31.25 MHz
	15.4 dB / 100 m at 62.5 MHz
	19.8 dB / 100 m at 100 MHz
	24.7 dB / 100 m at 150 MHz
	29 dB / 100 m at 200 MHz
	32.8 dB / 100 m at 250 MHz
Attenuation To Crosstalk Ratio	72 dB at 1 MHz
[Acr]	61 dB at 4 MHz
	55 dB at 8 MHz
	53 dB at 10 MHz
	49 dB at 16 MHz
	46 dB at 20 MHz
	44 dB at 25 MHz
	41 dB at 31.25 MHz
	32 dB at 62.5 MHz
	25 dB at 100 MHz
	16.9 dB at 150 MHz
	10.8 dB at 200 MHz

Excluding VAT, FCA Jabal Ali & are subject to change - check with your local distributor.

Power Sum Near-End Crosstalk	72.3 dB at 1 MHz
[Psnext]	63.3 dB at 4 MHz
	58.8 dB at 8 MHz
	57.3 dB at 10 MHz
	54.2 dB at 16 MHz 52.8 dB at 20 MHz
	51.3 dB at 25 MHz
	49.9 dB at 31.25 MHz
	45.4 dB at 62.5 MHz
	42.3 dB at 100 MHz
	39.7 dB at 150 MHz 37.8 dB at 200 MHz
	36.3 dB at 250 MHz
Near End Crosstalk [Next]	74.3 dB at 1 MHz
	65.3 dB at 4 MHz
	60.8 dB at 8 MHz
	59.3 dB at 10 MHz 56.2 dB at 16 MHz
	54.8 dB at 20 MHz
	53.3 dB at 25 MHz
	51.9 dB at 31.25 MHz
	47.4 dB at 62.5 MHz
	44.3 dB at 100 MHz
	41.7 dB at 150 MHz 39.8 dB at 200 MHz
	38.3 dB at 250 MHz
Equal Level Far End Crosstalk	67.8 dB at 1 MHz
[Elfext]	67.8 dB at 1 MHz 55.8 dB at 4 MHz
	49.7 dB at 8 MHz
	47.8 dB at 10 MHz
	43.7 dB at 16 MHz
	41.8 dB at 20 MHz
	39.8 dB at 25 MHz 37.9 dB at 31.25 MHz
	31.9 dB at 62.5 MHz
	27.8 dB at 100 MHz
	24.3 dB at 150 MHz
	21.8 dB at 200 MHz
	19.8 dB at 250 MHz
Power Sum Equal Level Far End	64.8 dB at 1 MHz
Crosstalk [Pselfext]	52.8 dB at 4 MHz
	46.7 dB at 8 MHz 44.8 dB at 10 MHz
	40.7 dB at 16 MHz
	38.8 dB at 20 MHz
	36.8 dB at 25 MHz
	34.9 dB at 31.25 MHz
	28.9 dB at 62.5 MHz 24.8 dB at 100 MHz
	21.3 dB at 150 MHz
	18.8 dB at 200 MHz
	16.8 dB at 250 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
	543 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
	538 ns / 100 m at 100 MHz
	537 ns / 100 m at 150 MHz 537 ns / 100 m at 200 MHz
	536 ns / 100 m at 250 MHz
Input Impedance	100 Ohm (+/- 6 %) at 1300 MHz
Dc Resistance	72 Ohm
Insulation Resistance	>= 500 mOhm/km 1 km 500 V DC
Nominal Velocity Propagation	69 %
Cable Outer Diameter	6 mm

Cable Length	305 m
Awg Gauge	AWG 23
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	41.0 cm
Package 1 Width	22.0 cm
Package 1 Length	40.0 cm
Package 1 Weight	12.0 kg
Unit Type Of Package 2	PAL
Number Of Units In Package 2	20
Package 2 Height	95.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	253.0 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

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 >



Transparency 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)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations