CAT5E 305M NETWORK CABLE - UTP, SOLID, PVC, 24AWG - BLUE

PART NUMBER: C5EUTSL305-BU

AVAILABLE COLOURS

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PRODUCT DESCRIPTION

Serveredge CAT5E 305m Network Cable - UTP, Solid, PVC, 24AWG can be used to connect a variety of devices in a high-speed network. The cable is twisted in four pairs and protected by a PVC jacket. It is packaged in an easy to use pull box carton. The cable is made from the highest quality copper to maximize performance and minimize Near-End Crosstalk (NEXT).

PRODUCT FEATURES

- IEC 61156-5 (Class D)
- ISO/IEC 11801 Ed 2.2 (Category 5E)
- ANSI/TIA-568-C.2 (Category 5E)
- Supports all applications designed to operate over Category 5E or lower rated systems
- Sequential measurement markings on jacket
- Comes in a variety of colours
- Easy & Effective to use pull box packaging
- Supports up to 1000BASE-T applications
- 25 Year Warranty

PRODUCT SPECIFICATION

Sheath material:	PVC (RoHS complaint)
Wall thickness of sheath:	0.45mm
Rip cord under sheath:	Yes
Insulation material:	High-density polyethylene (HDPE)
Insulation thickness:	0.20mm
Conductor material:	Soft annealed bare copper wire
Cable construction:	4 twisted pairs stranded together
Cable colours:	Blue
Twisted pair lay length:	≤30mm

GUARANTEE/WARRANTY

Serveredge products are manufactured at the highest standards using highest quality materials at an affordable price. Serveredge CAT5E cable come with a 25-year Warranty for that extra peace of mind. Subject to Serveredge Terms and Conditions*

ELECTRICAL PERFORMANCE AT 20°C

LOW FREQUENCY AND D.C

Item	Parameter
Conductor resistance	≤10.5 Ω/100m
Insulation resistance	≥5000M ΩKm(DC500V Charged 1Min)
Voltage endurance	DC 1000V/min
Mutual capacitance	≤5.6nF/100m
Core-core resistance unbalanced	≤ 5.0%

HIGH FREQUENCY PERFORMANCE

Freq	Attenuation ≤ dB/100m	RL ≥ dB/100m	Next ≥DB/100m	PS - Next ≥dB/100m	ACRF ≥dB/100m	PSACRF ≥dB>100m	Remark
1 MHz	2.0	20.0	65.3	62.3	63.8	60.8	
4 MHz	4.1	23.0	56.3	53.3	51.8	48.8	
10 MHz	6.5	25.0	50.3	47.3	43.8	40.8	
16 MHz	8.2	25.0	47.2	44.3	39.7	36.7	Cable was unwinded
20 MHz	9.3	25.0	45.8	42.8	37.8	34.8	
31.25 MHz	11.7	23.6	42.9	39.9	33.9	30.9	
62.5 MHz	17.0	21.5	38.4	35.4	27.9	24.9	
100 MHz	22.0	20.1	35.3	32.3	23.8	20.8	

ORDERING INFORMATION

ORDER CODE	DESCRIPTION
C5EUTSL305-BU	CAT5E 305m Network Cable - UTP, Solid, PVC, 24AWG-BLUE