CAT6 305M NETWORK CABLE - UTP, SOLID, PVC, 23AWG

PART NUMBER: C6UTSL305

AVAILABLE COLOURS

PRODUCT DESCRIPTION

Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG can be used to connect a variety of devices in a high-speed network. The cable is twisted in pairs, separated by an integrated pair divider, and protected by a PVC jacket. It is packaged in an easy to use pull box carton. The cable meets and exceeds all CAT6 TIA/EIA standards, and drastically reduces both impedance and structural return loss (SRL). The cable is made from the highest quality copper to maximize performance and minimize Near-End Crosstalk (NEXT).

PRODUCT FEATURES

- ISO/IEC 11801 Ed. 2.2 (Class E)
- IEC 61156-5:2009 (Category 6)
- ANSI/TIA-568-C.2 (Category 6)
- Supports all applications designed to operate over Category 6 or lower rated systems
- Sequential measurement markings on jacket
- Come 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
Wall thickness of sheath:	0.50mm
Rip cord under sheath:	Yes
Insulation material:	High-density polyethylene
Insulation thickness:	0.23mm
Conductor material:	Soft annealing bare copper wire
Cable construction:	4 twisted pairs stranded together
Cable colours:	White/Blue, White/Orange, White/Green, White/Brown
Twisted pair lay length:	≤38mm

GUARANTEE/WARRANTY

Serveredge products are manufactured to the highest standards using high quality materials at an affordable price. This Serveredge product comes standard with a 2 year standalone warranty or a 25 years warranty as part of a certified structured cabling system. Subject to Serveredge Terms and Conditions*

ELECTRICAL PERFORMANCE AT 20°C

LOW FREQUENCY AND D.C

Item	Parameter
Conductor resistance	≤9.38 38Ω/100m
Insulation resistance	≥5000MΩ (DC500V Charged 1min)
Voltage endurance	DC 1500V/min
Mutual capacitance	≤5.6nF/100m
Core-core resistance unbalanced	≤5%
Environmental Operating Temperatures	-10 ~ 60 ºC

HIGH FREQUENCY PERFORMANCE

Freq	Attenuation ≤ dB/100m	RL ≥ dB/100m	Next ≥DB/100m	PS - Next ≥dB/100m	ACRF ≥dB/100m	PSACRF ≥dB>100m
1 MHz	2.0	20	74.3	72.3	67.8	64.8
4 MHz	3.8	23	65.3	63.3	55.8	52.8
10 MHz	6.0	25	59.3	57.3	47.8	44.8
16 MHz	7.6	25	56.2	54.2	43.7	40.7
20 MHz	8.5	25	54.8	52.8	41.8	38.8
31.25 MHz	10.7	23.5	51.9	49.9	37.9	34.9
62.5 MHz	15.4	21.5	47.4	45.4	31.9	28.9
100 MHz	19.8	20	44.3	42.3	27.8	24.8
250 MHz	32.8	17.3	38.3	36.3	19.8	16.8

ORDERING INFORMATION

ORDER CODE		DESCRIPTION
C6UTSL305-BU	🔵	Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG - BLUE
C6UTSL305-YL	🟡	Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG - YELLOW
C6UTSL305-WH	⚪	Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG - WHITE
C6UTSL305-GN	🟢	Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG - GREEN
C6UTSL305-PU	🟣	Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG - PURPLE
C6UTSL305-GY	⚪	Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG - GREY
C6UTSL305-BK	⚫	Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG - BLACK
C6UTSL305-RD	🔴	Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG - RED
C6UTSL305-PN	🩷	Serveredge CAT6 305m Network Cable - UTP, Solid, PVC, 23AWG - PINK