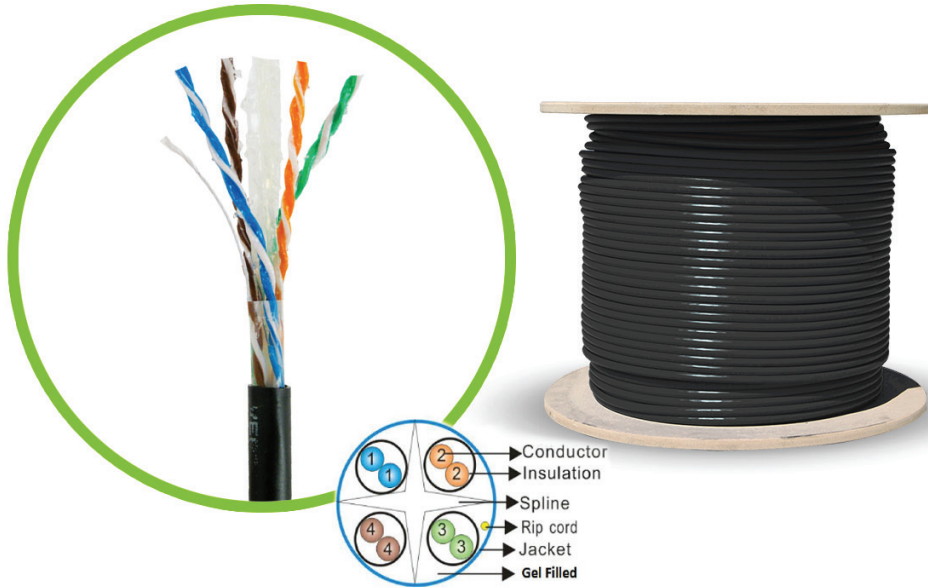


CAT6A 305M UTP JELL FILLED OUTDOOR SOLID NETWORK CABLE

PART NUMBER: C6AJEUTSL305-BK



AVAILABLE COLOURS



PRODUCT DESCRIPTION

Serveredge CAT6A 305m UTP Jell Filled Outdoor Solid Network Cable 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 protected by a polyethylene jacket and filled with jell. It's packaged on a wooden reel with sequential measurement markings on the jacket. The cable is made from the highest quality copper to maximize performance and minimize Near-End Crosstalk (NEXT).

STANDARDS COMPLIANCE

- ISO/IEC 11801 Ed. 2.2 (Class EA)
- IEC 61156-5:2009 (Category 6A)
- ANSI/TIA-568-C.2 (Category 6A)
- Supports up to 1000BASE-T applications

PRODUCT FEATURES

- Sequential measurement markings on jacket
- Packaged on a wooden reel
- Supports all applications designed to operate over Category 6A or lower rated systems
- Suitable for direct underground burial
- Jell filled to protect from moisture
- UV Stabilised
- 25 Year Warranty*

GUARANTEE/WARRANTY

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

PRODUCT SPECIFICATION

Sheath material:	Polyethylene
Filling:	Jell Filled
Wall thickness of sheath:	0.45mm
Rip cord under sheath:	Yes
Insulation material:	High-density polyethylene (HDPE)
Insulation thickness:	0.285mm
Conductor material:	Soft annealed bare copper wire
Cable construction:	4 twisted pairs stranded together
Cable colours:	Blue/Blue White, Green/Green White, Orange/Orange White, Brown/Brown white
Outer Diameter	6.8 ± 0.50mm

ELECTRICAL CHARACTERISTICS

MHz	Item	ATT	NEXT	RL	PS-NEXT	ELFEXT	PSELFEXT
		dB/100	dB	dB	dB	dB	dB
		Max.	Min.	Min.	Min.	Min.	Min.
1		4.0	65.0	19.0	62.0	63.3	60.3
4		4.2	63.0	19.0	60.5	51.2	48.2
8		5.8	58.2	19.0	55.6	45.2	42.2
10		6.5	56.6	19.0	54.0	43.3	40.3
16		8.2	53.2	18.0	50.6	39.2	36.2
20		9.2	51.6	17.5	49.0	31.2	34.2
25		10.2	50.0	17.0	47.3	35.3	32.3
31.25		11.5	48.4	16.5	45.7	33.4	30.4
62.5		16.4	43.4	14.0	40.6	27.3	24.3
100		20.9	39.9	12.0	37.1	23.3	20.3
200		30.1	34.8	9.0	31.9	17.2	14.2
250		33.9	33.1	8.0	30.2	15.3	12.3
350		40.6	30.6	6.6	27.6	12.4	9.4
500		49.3	27.9	6.0	24.8	9.3	6.3

Conductor resistance at 20°C	≤93.8 Ω/km
Unbalance conductor DC resistance	≤5%
Mutual capacitance	≤56nF/km
Pair to ground capacitance unbalance	≤330pF/100m
Insulation resistance	≥5000MΩKm(DC500V Charge 1 minute)

MECHANICAL CHARACTERISTICS

Storage Temperature range	-15°C to 75°C
Installation Temperature range	0°C to 60°C
Maximum Pulling Force	25lbs
Min bend radius (install)	120mm

ORDERING INFORMATION

ORDER CODE

DESCRIPTION

C6AJEUTSL305-BK

Serveredge CAT6A 305m Jell Filled Outdoor Network Cable - UTP, Solid, Jell Filled, PVC, 23AWG - BLACK