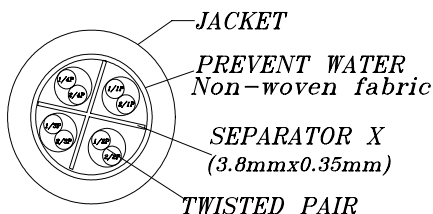


CAT6 1000' BLACK SOLID UTP DIRECT-BURIAL NETWORK BULK CABLE

SKUS PW-611

FEATURES

- Category 6 Direct-Burial UTP Solid Copper Data Communications Cable 1000' 23 AWG
- Use for underground electrical wiring in outdoor network installations
- Suitable for 550MHz High-Speed Data Applications and Gigabit Ethernet
- Outdoor UV Rated PVC jacket is resistant to cracking after long-term UV exposure
- Constructed with a spline separating individual twisted pairs, decreasing crosstalk and allowing greater speeds over longer distances
- Shielded with DryBlock water-blocking material for a jelly-free cable core, reducing cable preparation and splicing time
- 4-Pair Identified Colour-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- Excellent Attenuation and Crosstalk Characteristic
- Meets or Exceeds EIA/TIA 568 B.2-1, UL, CSA, and ISO/IEC 11801 specifications
- Supplied in easy to handle 1000' Reel Pull Boxes
- Operating Temperature: 0 to +75 °C



COLOUR

INSULATED CONTACTS CORES: PAIRS	P1: Blue & White/Blue P2: Orange & White/Orange P3: Green & White/Green P4: Brown & White/Brown
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CONSTRUCTION

CONDUCTOR	Solid Bare Copper
4 TWISTED PAIRS	8C
AWG	23
CONSTRUCTION (±0.01mm)	1/0.575
SOLID DIA. (±0.01mm)	0.575
INSULATION	HD PE
NOM. THICKNESS (mm)	0.22
INSULATION DIA. (±0.05mm)	1.03
SEPARATOR X (mm)	PE 0.35x3.8
JACKET	PVC
NOM. THICKNESS (mm)	0.76
OUTER DIA. (±0.2mm)	6.8

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AVAILABLE COLOUR DESCRIPTION

RATED TEMPERATURE	75°C
RATED VOLTAGE (V)	300V
PRODUCT STANDARD CERTIFICATION	C(UL) CMG OR (UL)CL3
FLAME TEST	FT4
APPLICATION	Telephone and other communication circuits such as voice, data, and audio for on-premise customer systems
REFERENCE STANDARD	UL 444 & UL13

PERFORMANCE

ELECTRICAL CHARACTERISTICS (20°C)	
MIN. INSULATION RESISTANCE (Ω/m)	HD PE:100M
DIELECTRIC STRENGTH	AC-500V/1 Min
CONDUCTOR RESISTANCE (AT 20°C)	Max. 9.38 ohms/100m
D-C RESISTANCE UNBALANCE	Max. 5%
PAIR-TO-GROUND CAPACITANCE UNBALANCE	Max. 330 pF/100m
CHARACTERISTIC IMPEDANCE (1-250MHZ)	100 +/- 15 ohms
PROPAGATION DELAY SKEW (1-250MHZ)	Max. 45ns/100m
MECHANICAL CHARACTERISTICS	
MAX. TENSILE STRENGTH OF JACKET (kgf/mm²)	≥1.05
ENVIRONMENTAL CHARACTERISTIC	
INSTALLATION TEMPERATURE	0°C - +75°C
OPERATION TEMPERATURE	0°C - +75°C
STORAGE TEMPERATURE	-10°C - +75°C