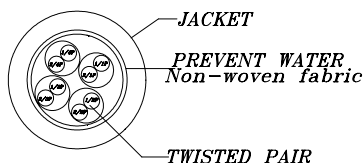


CAT5E 1000' BLACK SOLID UTP DIRECT-BURIAL NETWORK BULK CABLE (Dry Block)

SKUS PW-511

FEATURES

- Category 5E Direct-Burial UTP Solid Copper Data Communications Cable 1000' 24 AWG
- Use for underground electrical wiring in outdoor network installations
- Suitable for 350MHz High-Speed data applications and Gigabit Ethernet
- Outdoor UV Rated PVC jacket is resistant to cracking after long-term UV exposure
- Shielded with DryBlock water-blocking material for a jelly-free cable core, reducing cable preparation and splicing time
- 4-Pair identified colour-striped pairs
- 24 AWG solid bare copper conductors
- Excellent Attenuation and crosstalk characteristic
- UL/CSA Listed CM CMR
- UL, ETL and 3P verified to meet or exceed ANS/TIA/EIA568-B, 2-1 Category 5 Enhanced specification standards
- Supplied in easy to handle 1000' reel pull boxes
- Operating Temperature: 0 to +75 °C
- FT4/CMG rated



COLOUR

INSULATED CONTACTS CORES: PAIRS

P1: Blue & White/Blue
P2: Orange & White/Orange
P3: Green & White/Green
P4: Brown & White/Brown

CONSTRUCTION

CONDUCTOR	Solid Bare Copper
4 TWISTED PAIRS	8C
AWG	24
CONSTRUCTION (±0.01mm)	1/0.51
SOLID DIA. (±0.01mm)	0.51
INSULATION	HD PE
NOM. THICKNESS (mm)	0.20
INSULATION DIA. (±0.05mm) 4 TWISTED PAIRS CABLED	0.91
JACKET	PVC
NOM. THICKNESS (mm)	0.76
OUTER DIA. (±0.2mm)	5.8

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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	Max. 9.38 ohms/100m
D-C RESISTANCE UNBALANCE	Max. 5%
PAIR-TO-GROUND CAPACITANCE UNBALANCE	Max. 330 pF/100m
CHARACTERISTIC IMPEDANCE (1-100MHZ)	100 +/- 15 ohms
PROPAGATION DELAY SKEW (1-100MHZ)	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