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

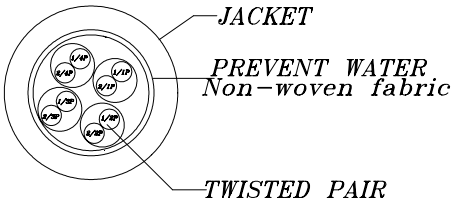
SKUS

PW-511



FEATURES

- 1000’ Category 5e UTP solid bare copper direct-burial communications cable, 24 AWG
- Designed for direct-burial outdoor voice and data network installations
- Water-blocking non-woven fabric helps protect the cable core from moisture
- Black PVC jacket for outdoor direct-burial installations
- Four colour-coded twisted pairs simplify conductor identification
- 24 AWG solid bare copper conductors
- C(UL) CMG and (UL) CL3 rated
- FT4 flame rated
- Constructed to UL 444 and UL 13 reference standards
- Supplied in easy-to-handle 1000’ reel pull boxes



AVAILABLE COLOUR

COLOUR

INSULATED 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
SHIELD	Prevent Water Non-Woven Fabric
JACKET	PVC
NOM. THICKNESS (mm)	0.76
OUTER DIA. (±0.2mm)	5.8

DESCRIPTION

RATED TEMPERATURE	75˚C
RATED VOLTAGE (V)	-
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 CHARACTERISTICS	
INSTALLATION TEMPERATURE	0˚C - +75˚C
OPERATING TEMPERATURE	0˚C - +75˚C
STORAGE TEMPERATURE	-10˚C - +75˚C

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