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

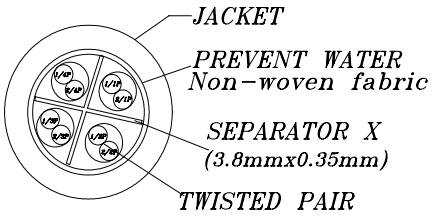
SKUS

PW-611



FEATURES

- 1000’ Category 6 UTP solid bare copper direct-burial communications cable, 23 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 designed for outdoor direct-burial installations
- An X-shaped PE separator measuring 0.35 × 3.8 mm maintains separation between the four twisted pairs
- Four colour-coded twisted pairs simplify conductor identification
- 23 AWG solid bare copper conductors
- C(UL) CMG and (UL) CL3 rated, with an FT4 flame rating
- Constructed to UL 444 and UL 13 reference standards
- Operating temperature from 0°C to +75°C
- Supplied in easy-to-handle 1000’ reel pull boxes



AVAILABLE COLOUR

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 & UL 13

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	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
WATER-BLOCKING MATERIAL	Prevent water Non-woven fabric
JACKET	PVC
NOM. THICKNESS (mm)	0.76
OUTER DIA. (±0.2mm)	6.8

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 CHARACTERISTICS	
INSTALLATION TEMPERATURE	0˚C - +75˚C
OPERATING TEMPERATURE	0˚C - +75˚C
STORAGE TEMPERATURE	-10˚C - +75˚C

© PC Cable World. All rights reserved.

PC Cable World product specifications are subject to change without notice, but are accurate at the time of printing. Please contact a sales representative for current specs. Please note that all physical specifications are nominal.

www.pccableworld.com