CAT5E 1000’ BLACK SOLID UTP OUTDOOR NETWORK BULK CABLE

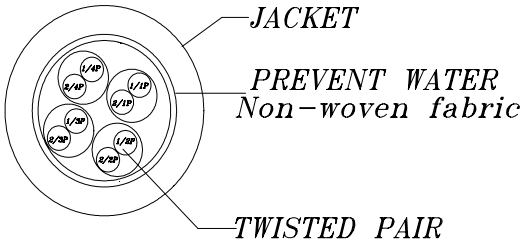
SKUS

PW-510



FEATURES

- 1000’ Category 5e UTP CMX-Outdoor solid bare copper data communications cable, 24 AWG
- Designed for indoor and outdoor voice, data, video, and security network installations
- Suitable for high-speed data and Ethernet applications
- Water-blocking non-woven fabric helps protect the cable core from moisture
- Outdoor-PVC jacket is designed for outdoor cable installations
- ETL verified to ANSI/TIA-568.2-E Category 5e UTP requirements
- FT4 flame rated
- Excellent attenuation and crosstalk characteristics
- RoHS compliant
- Supplied in easy-to-handle 1000’ reel pull boxes



AVAILABLE COLOUR

DESCRIPTION

RATED TEMPERATURE	75˚C
PRODUCT STANDARD CERTIFICATION	CMX-Outdoor & C(UL)CMG
FLAME TEST	FT4
APPLICATION	Telephone and other communication circuits such as voice, data, and audio for on-premise customer systems
REFERENCE STANDARD	UL 444

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
NOM. SOLID DIA. (mm)	0.51
INSULATION	HD PE
NOM. THICKNESS (mm)	0.20
INSULATION DIA. (±0.05mm)	0.91
SHIELD	Prevent water Non-woven fabric
JACKET	Outdoor-PVC
NOM. THICKNESS (mm)	0.76
OUTER DIA. (±0.2mm)	5.8

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	
MIN. TENSILE STRENGTH OF JACKET (kgf/mm²)	≥1.05
MIN. LENGTH FOR STRIP OF JACKET (mm)	40
ENVIRONMENTAL CHARACTERISTICS	
INSTALLATION TEMPERATURE	-10˚C - +75˚C
OPERATING TEMPERATURE	-10˚C - +75˚C
STORAGE TEMPERATURE	-20˚C - +75˚C

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