CAT6 1000’ BLACK SOLID UTP OUTDOOR NETWORK BULK CABLE

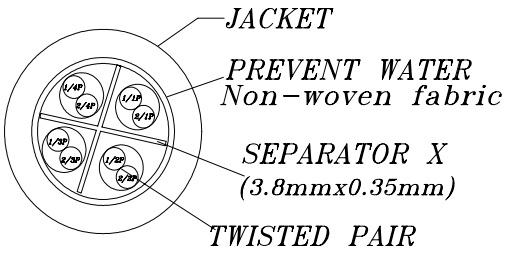
SKUS

PW-610



FEATURES

- 1000’ Category 6 UTP CMX-Outdoor solid bare copper data communications cable, 23 AWG
- Designed for indoor and outdoor voice and data network installations
- Water-blocking non-woven fabric helps protect the cable core from moisture
- Black PVC jacket designed for outdoor cable installations
- An X-shaped PE separator measuring 0.35 × 3.8 mm maintains separation between the four twisted pairs
- Suitable for Category 6 voice and data network applications
- ETL verified to ANSI/TIA-568.2-E Category 6 UTP requirements
- (UL) CMX-Outdoor, C(UL) Type CMG, and CSA CMG rated, with an FT4 flame rating
- Excellent attenuation and crosstalk characteristics
- 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

DESCRIPTION

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

CONSTRUCTION

CONDUCTOR	Solid Bare Copper
4 TWISTED PAIRS	8C
AWG	23
CONSTRUCTION (±0.01mm)	1/0.575
NOM. SOLID DIA. (mm)	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)	
MAX. CONDUCTOR DC RESISTANCE (Ω/km)	#23:72
MIN. INSULATION RESISTANCE (Ω-m)	PE:100M
DIELECTRIC STRENGTH	AC-500V/1 Min
MECHANICAL CHARACTERISTICS	
MIN. JACKET TENSILE STRENGTH (kgf/mm²)	≥1.05
MAXIMUM LENGTH FOR STRIP OF JACKET	40mm

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