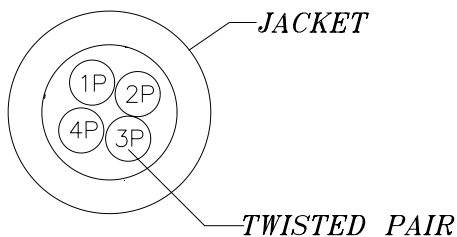


# CAT5E 1000' SOLID UTP NETWORK BULK CABLE

**SKUS** PW-507

## FEATURES

- Category 5E UTP Solid Copper Data Communications Cable 1000' 24 AWG
- Use for voice, data, video distribution, and security applications
- Suitable for 350MHz High-Speed Data Applications and Gigabit Ethernet
- 4-Pair identified colour-striped pairs
- 24 AWG solid bare copper conductors
- Excellent attenuation and crosstalk characteristic
- ETL and 3P Third Party tested to meet or exceed EIA/TIA 568 B.2, UL, CSA, and ISO/IEC 11801 Cat5E specifications
- RoHS compliant
- Manufactured for indoor installations, FT4 rated
- Supplied in easy to handle 1000' reel pull boxes



## CONSTRUCTION

<b>CONDUCTOR</b>	Solid Bare Copper
<b>4 TWISTED PAIRS</b>	8C
<b>AWG</b>	24
<b>CONSTRUCTION (±0.01mm)</b>	1/0.51
<b>SOLID DIA. (mm)</b>	0.51
<b>INSULATION</b>	HD PE
<b>NOM. THICKNESS (mm)</b>	0.20
<b>INSULATION DIA. (±0.05mm) 4 PAIRS CABLED TOGETHER.</b>	0.91
<b>JACKET</b>	PVC
<b>NOM. THICKNESS (mm)</b>	0.59
<b>OUTER DIA. (±0.2mm)</b>	5.30



## AVAILABLE COLOURS



## DESCRIPTION

<b>RATED TEMPERATURE</b>	75°C
<b>RATED VOLTAGE (V)</b>	300V
<b>PRODUCT STANDARD CERTIFICATION</b>	UL CM & CSA CMG
<b>FLAME TEST</b>	FT4
<b>APPLICATION</b>	Telephone and other communication circuits such as voice, data, and audio for on-premise customer systems
<b>REFERENCE STANDARD</b>	UL 444

## COLOUR

<b>INSULATION CORES: PAIRS</b>	P1: Blue & White/Blue P2: Orange & White/Orange P3: Green & White/Green P4: Brown & White/Brown
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## PERFORMANCE

<b>ELECTRICAL CHARACTERISTICS (20°C)</b>	
<b>MAX. CONDUCTOR DC RESISTANCE (Ω/km)</b>	#24:89
<b>MIN. INSULATION RESISTANCE (Ω/m)</b>	HD PE:100M
<b>DIELECTRIC STRENGTH</b>	AC-500V/1 Min
<b>IMPEDANCE (Ω)</b>	100±15
<b>MECHANICAL CHARACTERISTICS</b>	
<b>TEST OBJECT / MATERIAL</b>	Jacket / PVC
<b>BEFORE TENSILE STRENGTH (kgf/mm)</b>	≥1.05

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