PC Cable World™

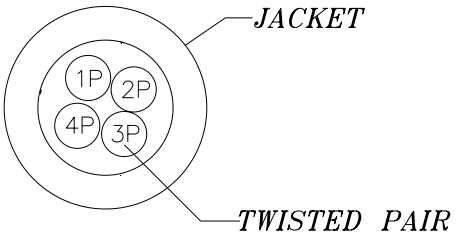
CAT5E 1000’ SOLID UTP NETWORK BULK CABLE

SKUS

PW-507

FEATURES

- 1000’ Category 5e UTP solid bare copper data communications cable, 24 AWG
- Designed for voice, data, video distribution, and security applications
- Tested to 350 MHz and suitable for Gigabit Ethernet applications
- Four colour-coded twisted pairs simplify conductor identification
- 24 AWG solid bare copper conductors
- Excellent attenuation and crosstalk characteristics
- ETL verified to ANSI/TIA-568.2-E, ISO/IEC 11801, and EN 50173 Category 5e requirements
- UL CM and CSA CMG rated
- Designed for indoor installation and FT4 rated
- RoHS compliant
- Supplied in easy-to-handle 1000’ reel pull boxes



CONSTRUCTION

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



AVAILABLE COLOURS

DESCRIPTION

RATED TEMPERATURE	75˚C
PRODUCT STANDARD CERTIFICATION	UL CM & CSA 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

INSULATION CORES: PAIRS	P1: Blue & White/Blue P2: Orange & White/Orange P3: Green & White/Green P4: Brown & White/Brown

PERFORMANCE

ELECTRICAL CHARACTERISTICS (20˚C)	
MAX. CONDUCTOR DC RESISTANCE (Ω/km)	#24:89
MIN. INSULATION RESISTANCE (Ω-km)	HD PE:100M
DIELECTRIC STRENGTH	AC-500V/1 Min
IMPEDANCE (Ω)	100±15
MECHANICAL CHARACTERISTICS	
TEST OBJECT / MATERIAL	Jacket / PVC
BEFORE TENSILE STRENGTH (kgf/mm²)	≥1.05

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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.

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