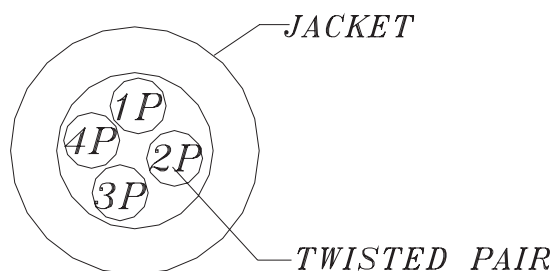# PC Cable World™

CAT5E 1000' SOLID UTP PLENUM NETWORK BULK CABLE

SKUS   PW-509

FEATURES

- Category 5E UTP FT6 Solid Copper Data Communications Cable 1000' 24 AWG
- Use for indoor voice, data, video and security applications that require FT6 ratings such as areas near an HVAC system
- Flame retardant FT6 cabling does not emit toxic fumes when exposed to extreme heat
- 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
- Meets or exceeds EIA/TIA 568 B.2-1, UL, cUL, CMP, CSA, and ISO/IEC 11801 Cat5E specifications
- ETL certified, 3P Third Party Tested, and 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	FEP
NOM. THICKNESS (mm)	0.17
INSULATION DIA. (±0.05mm) 4 PAIRS CABLED TOGETHER.	0.85
JACKET	CMP PVC
NOM. THICKNESS (mm)	0.40
OUTER DIA. (±0.2mm)	4.50

AVAILABLE COLOURS

DESCRIPTION

RATED TEMPERATURE	75˚C
RATED VOLTAGE (V)	300V
PRODUCT STANDARD CERTIFICATION	(UL)&C(UL) CMP
FLAME TEST	FT6
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/m)	FEP:100M
DIELECTRIC STRENGTH	AC-500V/1 Min
IMPEDANCE (Ω)	100±15
MECHANICAL CHARACTERISTICS	
MAX.JACKET TENSILE STRENGTH (kgf/mm²)	≥1.05

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