PC Cable World™

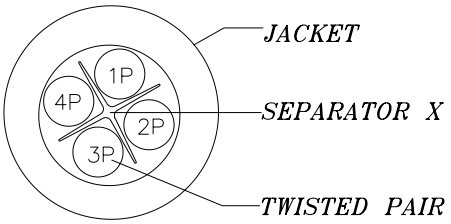
CAT6 1000’ UTP PLENUM NETWORK BULK CABLE

SKUS

PW-609

FEATURES

- Category 6 UTP FT6 Solid Copper Data Communications Cable 1000’ 23 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 550MHz High-Speed Data Applications and Gigabit Ethernet
- 4-Pair Identified Colour-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- Excellent Attenuation and Crosstalk Characteristic
- Constructed with a spline separating individual twisted pairs, decreasing crosstalk and allowing greater speeds over longer distances
- Meets and/ or Exceeds EIA/TIA 568 B.2-1, UL, CSA, and ISO/ IEC 11801 specifications
- Supplied in easy to handle 1000’ Reel Pull Boxes



CONSTRUCTION

CONDUCTOR	Solid Bare Copper
4 TWISTED PAIRS	8C
AWG	23
CONSTRUCTION (±0.01mm)	1/0.58
SOLID DIA. (mm)	0.58
INSULATION	FEP
NOM. THICKNESS (mm)	0.23
INSULATION DIA. (±0.05mm) CABLED TOGETHER, PUTTING SEPARATOR X(PE) ACROSS	1.00
JACKET	CMP PVC
NOM. THICKNESS (mm)	0.50
OUTER DIA. (±0.2mm)	6.0

AVAILABLE COLOURS

DESCRIPTION

RATED TEMPERATURE	75˚C
RATED VOLTAGE (V)	-
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)	#23:72
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.

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