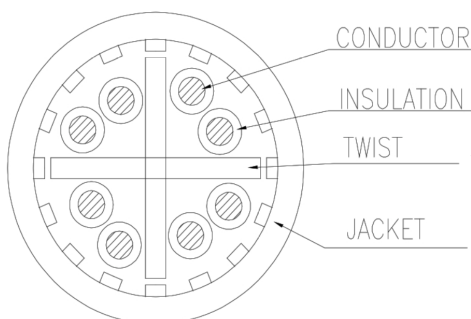


CAT6A 1000' BLUE SOLID UTP NETWORK BULK CABLE

SKUS PW-6A7B

FEATURES

- Category 6A UTP Solid Copper Data Communications Cable 1000' 23 AWG
- Use for voice, data, video distribution, and security applications
- Suitable for 10Gb High-Speed Data Applications up to 100 meters with 500MHz standard bandwidth
- 4-Pair identified colour-striped pairs
- 23 AWG Solid Bare Copper conductors
- Excellent attenuation and crosstalk characteristic
- UL and ETL listed, 3P Third Party tested to meet or exceed EIA/TIA-568 C.2
- RoHS compliant
- Manufactured for indoor installations, FT4 rated



CONSTRUCTION

CONDUCTOR	Solid Bare Copper
4 TWISTED PAIRS	8C
AWG	23
CONDUCTOR	1/0.58AS±0.003mm
SOLID DIA. (mm)	0.58
INSULATION	HD PE
NOM. THICKNESS (mm)	0.28
INSULATION DIA. (±0.03mm) 4 PAIRS CABLED TOGETHER.	1.13
JACKET	PVC (CMR)
NOM. THICKNESS (mm)	0.60
OUTER DIA. (±0.15mm)	7.00



DESCRIPTION

RATED TEMPERATURE	75°C
PRODUCT STANDARD CERTIFICATION	UL CMR & CSA CMR
FLAME TEST	FT4
APPLICATION	Telephone and other communication circuits such as voice, data, and audio for on-premise customer systems

COLOUR

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

PERFORMANCE

ELECTRICAL CHARACTERISTICS (20°C)		
MAX. CONDUCTOR DC RESISTANCE (Ω/km)	93.5	
MECHANICAL CHARACTERISTICS		
BEFORE TENSILE STRENGTH (Mpa)	Insulation	Jacket
	16.50	13.80
BEFORE AGING ELONGATION (%)	300	100
AGING CONDITION (°C)	100±1 *2 days	100±1 *10 days
AFTER TENSILE STRENGTH (Mpa)	75%	85%
BEFORE AGING ELONGATION (%)	75	50
COLD BEND (-20°C±2*4HRS)	No Crack	No Crack
HEAT SHOCK (121°C±1*1HRS)	No Crack	No Crack

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