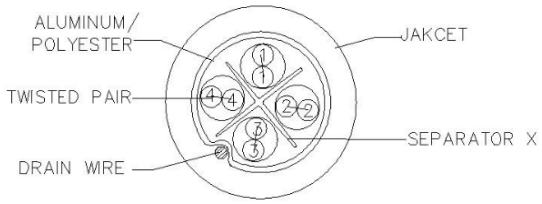
CAT6A 1000’ BLUE STRANDED SHIELDED F/UTP NETWORK BULK CABLE

SKUS

PW-6A6B

FEATURES

- 1000’ Category 6A F/UTP stranded bare copper data communications cable, 26 AWG
- Designed for voice, data, video distribution, and security applications
- Supports 10GBASE-T data transmission at up to 10 Gb/s over distances up to 100 meters, with a standard bandwidth of 500 MHz
- Four colour-coded twisted pairs of 26 AWG stranded bare copper conductors
- Excellent attenuation and crosstalk characteristics
- Aluminum/polyester shielding with ≥125% coverage and a stranded tinned copper drain wire helps protect against electromagnetic interference and radio-frequency interference (EMI/RFI)
- ETL verified to ANSI/TIA-568.2-E Category 6A requirements
- UL CM and CSA CMG rated, with an FT4 flame rating
- RoHS compliant



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)	#26:142
MIN. INSULATION RESISTANCE (Ω-km)	PE:100M
DIELECTRIC STRENGTH	AC-500V/1 Min
MECHANICAL CHARACTERISTICS	
TEST OBJECT	Jacket
TEST MATERIAL	PVC
BEFORE TENSILE STRENGTH (kgf/mm²)	≥1.05



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

CONSTRUCTION

CONDUCTOR	Stranded Bare Copper
4 TWISTED PAIRS	8C
AWG	26
CONSTRUCTION (±0.008mm)	7/0.16
NOM. STRANDED DIAMETER (mm)	0.48
INSULATION	PE
NOM. THICKNESS (mm)	0.21
INSULATION DIA. (±0.05mm)	0.90
SHIELD	Aluminum/Polyester
COVERAGE(%)	≥125%
DRAIN WIRE (±0.008mm) (STRANDED TINNED COPPER)	7/0.16TG
JACKET	PVC
NOM. THICKNESS (mm)	0.54
OUTER DIA. (±0.2mm)	6.0

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