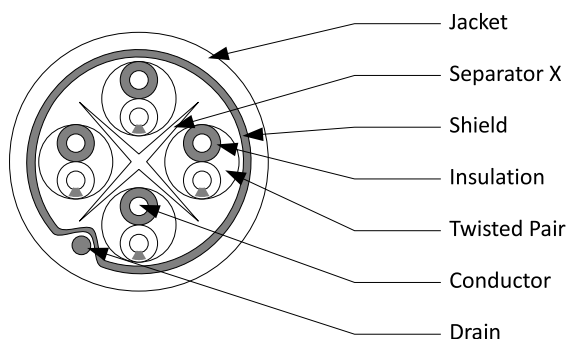


# CAT6A 1000' BLUE STRANDED SHIELDED F/UTP NETWORK BULK CABLE

**SKUS** PW-6A6B

## FEATURES

- Category 6A Shielded F/UTP Stranded Copper Data Communications Cable 1000' 26 AWG
- Use for voice, data, video distribution, and security applications
- Suitable for 10Gb High-Speed Data Applications up to 100 meters and high EMI/RFI environments with 500MHz standard bandwidth
- 4 twisted-pair 26 AWG stranded copper conductors
- Excellent attenuation and crosstalk characteristic
- UL and ETL listed, 3P Third Party tested to meets or exceeds EIA/TIA 568 C.2-1 standards
- RoHS compliant



## COLOUR

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>INSULATION CORES: PAIRS</b> | P1: Blue & White/Blue<br>P2: Orange & White/Orange<br>P3: Green & White/Green<br>P4: Brown & White/Brown |
| <b>JACKET</b>                  | Blue                                                                                                     |

## PERFORMANCE

| <b>ELECTRICAL CHARACTERISTICS (20°C)</b>   |               |
|--------------------------------------------|---------------|
| <b>MAX. CONDUCTOR DC RESISTANCE (Ω/km)</b> | #26:142       |
| <b>MIN. INSULATION RESISTANCE (Ω/m)</b>    | PE:100M       |
| <b>DIELECTRIC STRENGTH</b>                 | AC-500V/1 Min |
| <b>MECHANICAL CHARACTERISTICS</b>          |               |
| <b>BEFORE TENSILE STRENGTH (kgf/mm²)</b>   | ≥1.05         |



## DESCRIPTION

|                                       |                                                                                                           |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>RATED TEMPERATURE</b>              | 75°C                                                                                                      |
| <b>PRODUCT STANDARD CERTIFICATION</b> | UL CM & CSA CMG                                                                                           |
| <b>FLAME TEST</b>                     | FT4                                                                                                       |
| <b>APPLICATION</b>                    | Telephone and other communication circuits such as voice, data and audio for on-premise customer systems. |
| <b>REFERENCE STANDARD</b>             | UL 444                                                                                                    |

## CONSTRUCTION

|                                                       |                      |
|-------------------------------------------------------|----------------------|
| <b>CONDUCTOR</b>                                      | Stranded Bare Copper |
| <b>4 TWISTED PAIR</b>                                 | 8C                   |
| <b>AWG</b>                                            | 26                   |
| <b>CONSTRUCTION (±0.005mm)</b>                        | 7/0.16               |
| <b>NOM. STRANDED DIAMETER (mm)</b>                    | 0.48                 |
| <b>INSULATION</b>                                     | PE                   |
| <b>NOM. THICKNESS (mm)</b>                            | 0.21                 |
| <b>INSULATION DIA. (±0.05mm)</b>                      | 0.90                 |
| <b>SHIELD</b>                                         | Aluminum/Polyester   |
| <b>COVERAGE(%)</b>                                    | ≥125%                |
| <b>DRAIN WIRE (±0.008mm) (STRANDED TINNED COPPER)</b> | 7/0.16T              |
| <b>JACKET</b>                                         | PVC                  |
| <b>NOM. THICKNESS (mm)</b>                            | 0.54                 |
| <b>OUTER DIA. (±0.2mm)</b>                            | 6.0                  |

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