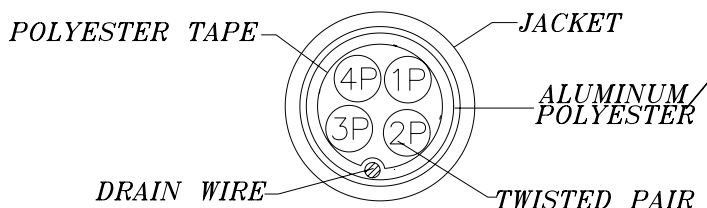


# CAT5E 1000' GREY STRANDED SHIELDED F/UTP NETWORK BULK CABLE

**SKUS** PW-506

## FEATURES

- Category 5E F/UTP Shielded Stranded Copper Data Communications Cable 1000' 26 AWG
- Use for voice, data, video distribution, or security applications in environments with Electromagnetic Interference/ Radio Frequency Interference (EMI/RFI)
- Manufactured for indoor installations, in-wall FT4/CMG Rated
- Suitable for 350MHz Giga Speed data applications and Fast Ethernet
- Excellent attenuation and crosstalk characteristic
- 4-Pair identified colour-striped pairs
- Stranded cabling provides greater bendability and flexibility when compared to solid copper cabling
- ETL verified to meet or exceed EIA/TIA 568 C.2, UL, CSA and ISO/IEC 11801 Cat5E specifications
- 4-pair unshielded twisted pair cables are wrapped in aluminum polyester shielding (F/UTP), polyester tape, and a tinned copper drain wire for grounding
- Shielding provides 100% coverage, with 25% overlap
- RoHS Compliant
- Supplied in easy to handle 1000' reel pull boxes



## CONSTRUCTION

<b>CONDUCTOR</b>	Stranded Bare Copper
<b>4 TWISTED PAIRS</b>	8C
<b>AWG</b>	26
<b>CONSTRUCTION (±0.008mm)</b>	7/0.16
<b>STRANDED DIA. (mm)</b>	0.48
<b>INSULATION</b>	HD PE
<b>NOM. THICKNESS (mm)</b>	0.21
<b>INSULATION DIA. (±0.05mm) 4 TWISTED PAIRS CABLED</b>	0.90
<b>JACKET</b>	PVC
<b>NOM. THICKNESS (mm)</b>	0.60
<b>OUTER DIA. (±0.2mm)</b>	5.6

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## AVAILABLE COLOUR DESCRIPTION

<b>RATED TEMPERATURE</b>	75°C
<b>RATED VOLTAGE (V)</b>	300V
<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

## COLOUR

<b>INSULATED CONTACTS CORES: PAIRS</b>	P1: Blue & White/Blue P2: Orange & White/Orange P3: Green & White/Green P4: Brown & White/Brown
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## PERFORMANCE

<b>ELECTRICAL CHARACTERISTICS (20°C)</b>	
<b>MAX. CONDUCTOR DC RESISTANCE (Ω/km)</b>	#26:142
<b>MIN. INSULATION RESISTANCE (Ω/m)</b>	HD PE:100M
<b>DIELECTRIC STRENGTH</b>	AC-500V/1 Min
<b>MECHANICAL CHARACTERISTICS</b>	
<b>BEFORE TENSILE STRENGTH (kgf/mm<sup>2</sup>)</b>	≥1.05
<b>MAX. LENGTH FOR STRIP OF JACKET (mm)</b>	40