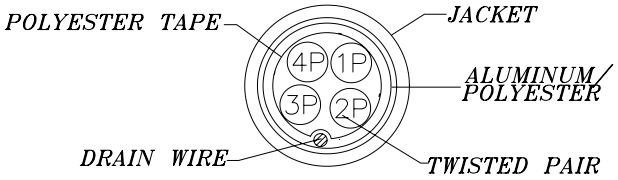
CAT5E 1000’ GREY STRANDED SHIELDED F/UTP NETWORK BULK CABLE

SKUS

PW-506

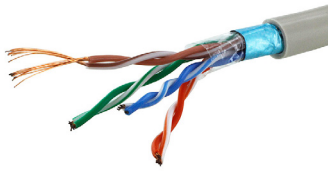
FEATURES

- 1000’ Category 5e F/UTP shielded stranded bare copper data communications cable, 26 AWG
- Designed for voice, data, video distribution, and security applications in environments with electromagnetic interference or radio-frequency interference (EMI/RFI)
- Designed for indoor installation and rated CMG/FT4
- ETL verified to ANSI/TIA-568.2-E Category 5e requirements and tested to 350 MHz
- Excellent attenuation and crosstalk characteristics
- Four colour-coded twisted pairs simplify conductor identification
- Stranded bare copper conductors provide greater flexibility than solid copper conductors
- The four unshielded twisted pairs are wrapped with polyester tape and an aluminum/polyester shield, with a stranded tinned copper drain wire
- Shielding provides 100% coverage with 25% overlap
- RoHS compliant
- Supplied in easy-to-handle 1000’ reel pull boxes



CONSTRUCTION

CONDUCTOR	Stranded Bare Copper
4 TWISTED PAIRS	8C
AWG	26
CONSTRUCTION (±0.008MM)	7/0.16
STRANDED DIA. (MM)	0.48
INSULATION	HD PE
NOM. THICKNESS (MM)	0.21
INSULATION DIA. (±0.05MM) 4 TWISTED PAIRS CABLED	0.90
SEPARATOR	Polyester Tape
DRAIN WIRE	Stranded Tinned Copper
DRAIN WIRE CONSTRUCTION (±0.008 MM)	7/0.16TG
SHIELD	Aluminum/Polyester
COVERAGE	100% coverage with 25% overlap
JACKET	PVC
NOM. THICKNESS (MM)	0.60
OUTER DIA. (±0.2MM)	5.6





AVAILABLE COLOUR

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

COLOUR

INSULATED 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)	#26:142
MIN. INSULATION RESISTANCE (Ω-m)	HD PE:100M
DIELECTRIC STRENGTH	AC-500V/1 Min
MECHANICAL CHARACTERISTICS	
MINIMUM TENSILE STRENGTH OF JACKET (kgf/mm²)	≥1.05
MAX. LENGTH FOR STRIP OF JACKET (mm)	40

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