PC Cable World™

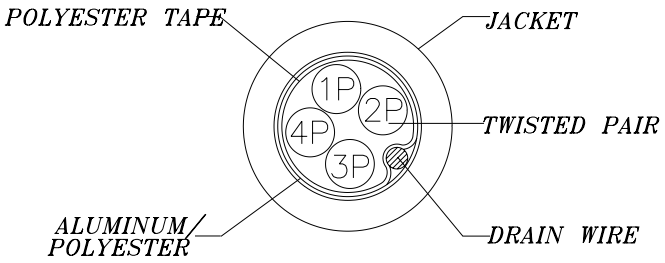
CAT5E 1000’ GREY SOLID SHIELDED F/UTP NETWORK BULK CABLE

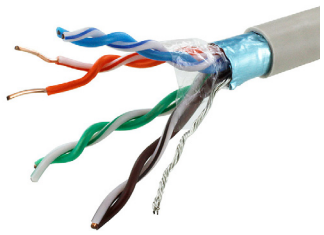
SKUS

PW-505

FEATURES

- 1000’ Category 5e F/UTP solid bare copper network bulk cable, 24 AWG
- Designed for indoor voice and data installations in environments with electromagnetic interference or radio-frequency interference (EMI/RFI)
- Suitable for high-speed data applications up to 350 MHz
- Excellent attenuation and crosstalk characteristics
- ETL verified as Category 5e and tested to 350 MHz
- UL CM and CSA CMG rated
- Polyester tape and aluminum/polyester shielding with a tinned copper drain wire help protect against EMI/RFI
- Meets or exceeds EIA/TIA-568-B.2-1 and ISO/IEC 11801 specifications







AVAILABLE COLOUR

DESCRIPTION

RATED TEMPERATURE	75˚C
RATED VOLTAGE (V)	-
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	Solid Bare Copper
4 TWISTED PAIRS	8C
AWG	24
CONSTRUCTION (±0.01mm)	1/0.54
SOLID DIA. (mm)	0.54
INSULATION	PE
NOM. THICKNESS (mm)	0.25
INSULATION DIA. (±0.05mm)	1.05
SHIELD	Polyester Tape
DRAIN WIRE, STRANDED TINNED COPPER (±0.008 MM)	7/0.20T
SHIELD	Aluminum/Polyester
COVERAGE (%)	≥125%
JACKET	PVC
NOM. THICKNESS (mm)	0.60
OUTER DIA. (±0.2mm)	6.0

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)	#24:93.8
MIN. INSULATION RESISTANCE (Ω-m)	PE:100M
DIELECTRIC STRENGTH	AC-500V/1 Min
MECHANICAL CHARACTERISTICS	
MAX. TENSILE STRENGTH OF JACKET (kgf/mm²)	≥1.05
MAX. LENGTH FOR STRIP OF JACKET (mm)	40

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PC Cable World product specifications are subject to change without notice, but are accurate at the time of printing. Please contact a sales representative for current specs. Please note that all physical specifications are nominal.

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