PC Cable World™

CAT6 1000’ GREY STRANDED SHIELDED F/UTP NETWORK BULK CABLE

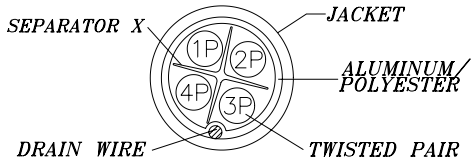
SKUS

PW-606



FEATURES

- 1000’ Category 6 F/UTP shielded stranded bare copper data communications cable, 26 AWG
- Designed for indoor 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
- Tested to 550 MHz for high-speed data applications
- Excellent attenuation and crosstalk characteristics
- One cross separator maintains separation between the four twisted pairs, helping reduce crosstalk
- 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 in an aluminum/polyester shield with 100% coverage and 25% overlap, with a stranded tinned copper drain wire
- RoHS compliant
- Supplied in easy-to-handle 1000’ reel pull boxes



AVAILABLE COLOUR

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 WITH ONE CROSS SEPARATOR**	0.90
SHIELD **100% COVERAGE WITH 25% OVERLAP.**	Aluminum/Polyester
DRAIN WIRE (STRANDED TINNED COPPER) (±0.008mm)	7/0.16T
JACKET	PVC
NOM. THICKNESS (mm)	0.6
OUTER DIA. (±0.2mm)	6.0

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

COLOUR

INSULATION 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	
TEST OBJECT / MATERIAL	Jacket / PVC
BEFORE TENSILE STRENGTH (kgf/mm²)	≥1.05

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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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