CAT6 1000’ UTP PLENUM NETWORK BULK CABLE

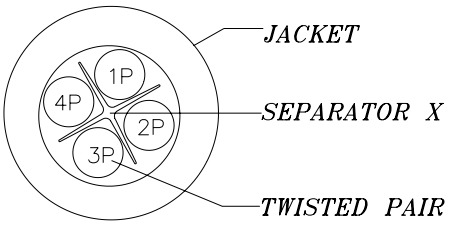
SKUS

PW-609



FEATURES

- 1000’ Category 6 UTP solid bare copper plenum data communications cable, 23 AWG
- Designed for indoor voice, data, video, and security applications in plenum and air-handling spaces requiring an FT6 rating
- (UL) and C(UL) CMP rated, with an FT6 flame rating
- CSA CMG rated
- Tested to 550 MHz and suitable for Gigabit Ethernet applications
- Four colour-coded twisted pairs simplify conductor identification
- 23 AWG solid bare copper conductors
- Excellent attenuation and crosstalk characteristics
- An X-shaped FEP separator maintains separation between the four twisted pairs, helping reduce crosstalk
- ETL verified to ANSI/TIA-568.2-E, ISO/IEC 11801, and EN 50173 Category 6 requirements
- RoHS compliant
- Supplied in easy-to-handle 1000’ reel pull boxes



AVAILABLE COLOURS

DESCRIPTION

RATED TEMPERATURE	75˚C
PRODUCT STANDARD CERTIFICATION	(UL) & C(UL) CMP
FLAME TEST	FT6
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	23
CONSTRUCTION (±0.01mm)	1/0.58
SOLID DIA. (mm)	0.58
INSULATION	FEP
NOM. THICKNESS (mm)	0.23
INSULATION DIA. (±0.05mm) CABLED TOGETHER, PUTTING SEPARATOR X(FEP) ACROSS	1.00
JACKET	CMP PVC
NOM. THICKNESS (mm)	0.50
OUTER DIA. (±0.2mm)	6.0

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)	#23:72
MIN. INSULATION RESISTANCE (Ω-m)	FEP:100M
DIELECTRIC STRENGTH	AC-500V/1 Min
IMPEDANCE (Ω)	100±15
MECHANICAL CHARACTERISTICS	
MIN.JACKET TENSILE STRENGTH (kgf/mm²)	≥1.05

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