CAT6 UTP SOLID CABLE ROLLS

DYNAMIX CERTIFIED CABLING SYSTEM Cat6

DESCRIPTION

The DYNAMIX Cat6 UTP Horizontal Cable is a 23AWG, 4-pair solid copper network cable designed for structured cabling and Ethernet applications up to 250MHz. It uses solid bare copper conductors, HDPE insulation and a PVC outer Jacket, with support for Gigabit Ethernet, Fast Ethernet, broadband video, voice and other data applications.

250 MHz

23 AWG

WARRANTY

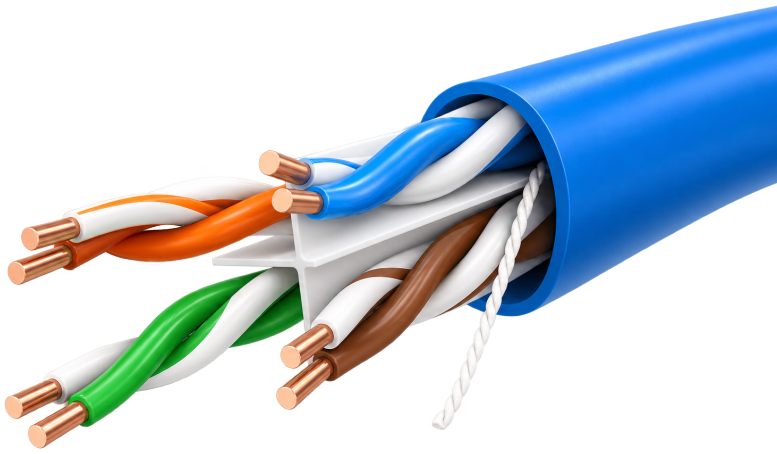


FEATURES

- Cat6 UTP horizontal cable
- 23AWG x 4 pair construction
- Solid bare copper conductors
- 250MHz bandwidth
- CM (UL) rated PVC outer Jacket
- HDPE conductor insulation
- Rip-cord included
- 100Ω nominal characteristic impedance
- Flame retardancy verified to IEC 60332-1 & UL VW-1
- UL/cUL Listed
- ETL/3P Certified to ANSI/TIA/EIA-568-C.2 Category 6 requirements

APPLICATIONS

- Broadband network communication
- Security systems
- PoE devices
- Access points & netwrok equipment
- Audio and data transmission



PRODUCT CODES

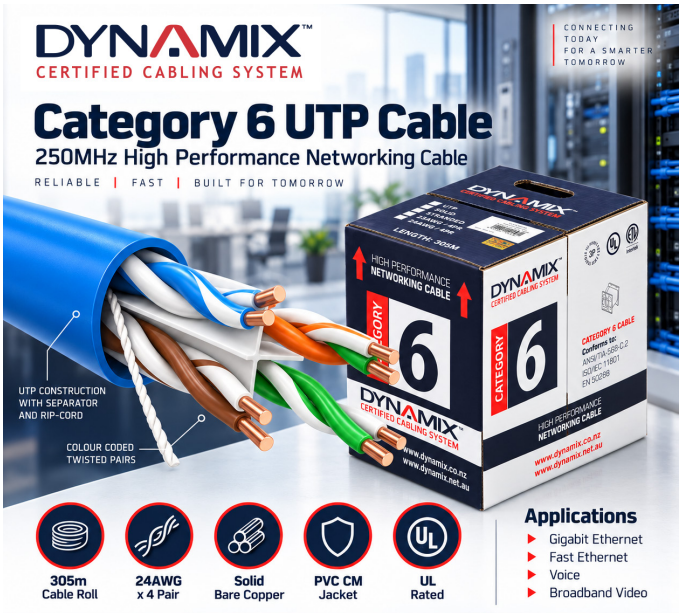
PRODUCT CODE	DESCRIPTION	LENGTH	COLOUR
C-C6-SLDBLUE	Cat6 UTP, Solid, 23AWG, PVC Jacket, 250MHz	305M Pull Box	Blue
C-C6-SLDGREEN	Cat6 UTP, Solid, 23AWG, PVC Jacket, 250MHz	305M Pull Box	Green
C-C6-SLDWHITE	Cat6 UTP, Solid, 23AWG, PVC Jacket, 250MHz	305M Pull Box	White
C-C6-SLDBLACK	Cat6 UTP, Solid, 23AWG, PVC Jacket, 250MHz	305M Pull Box	Black
C-C6-SLDYELLOW	Cat6 UTP, Solid, 23AWG, PVC Jacket, 250MHz	305M Pull Box	Yellow
C-C6-SLDGREY	Cat6 UTP, Solid, 23AWG, PVC Jacket, 250MHz	305M Pull Box	Grey
C-C6-SLDPURPLE	Cat6 UTP, Solid, 23AWG, PVC Jacket, 250MHz	305M Pull Box	Purple
C-C6-SLDRED	Cat6 UTP, Solid, 23AWG, PVC Jacket, 250MHz	305M Pull Box	Red
C-C6-SLDORA	Cat6 UTP, Solid, 23AWG, PVC Jacket, 250MHz	305M Pull Box	Orange

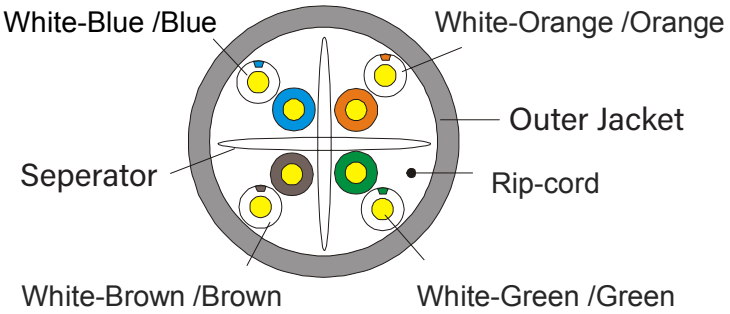
25 YEAR DYNAMIX CERTIFIED CABLING SYSTEM SYSTEM PERFORMANCE LIMITED WARRANTY

DYNAMIX TRUSTED & PROVEN Since 1989

SPECIFICATIONS

Category	Category 6
Cable Type	UTP Horizontal Cable
Conductor Size	23AWG x 4 Pair
Conductor Material	Solid Bare Copper
Conductor Nominal O.D.	0.550mm ±0.005mm
Insulation Material	HDPE
Insulation Diameter	0.95 ±0.03mm
Pair Colours	White/Blue + Blue; White/Orange + Orange; White/Green + Green; White/Brown + Brown
Rip-Cord	Yes
Drain Wire	No
Jacket Material	PVC
Jacket Rating	CM (UL) Rated
Jacket Thickness	0.55 ±0.05mm
External Cable O.D.	6.2 ±0.4mm
Bandwidth	250MHz
Characteristic Impedance	100 ±15Ω @ 1–250MHz
Delay Skew	≤45ns/100m
DC Resistance	≤9.38Ω/100m
DC Resistance Unbalance	≤5.0%
Storage / Transport Temperature	0°C to +50°C
Operating Temperature	-20°C to +60°C
Flame Retardancy	IEC 60332-1, UL VW-1
Compliance	ANSI/TIA/EIA-568-C.2 Cat6, ISO/IEC 11801 Class E, IEC 61156-6, CENELEC EN 50173-1, EN 50288-5-1, EN 50288-5-2, RoHS
Approvals	UL/cUL Listed, ETL/3P Certified





Please note we took the up-most care to compile the information in this datasheet. To the best of our knowledge all info provided were correct at the time of creation. Should any specs change we try to update info accordingly. Information are subject to change without notice. In the case that you find any irregularity please inform our team at **contactus@dynamix.co.nz**

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