CAT6 UTP SOLID CABLE ROLLS

DYNAMIX CERTIFIED CABLING SYSTEM Cat6

DESCRIPTION

The DYNAMIX Cat6 UTP Horizontal Cable is a 250MHz, 24AWG x4 construction solid copper network cable designed for structured cabling and high-speed data applications. It uses solid bare copper conductors with HDPE insulation and is available with either PVC or LSZH outer jackets. The cable is suitable for Gigabit Ethernet, Fast Ethernet, broadband video, voice and other Cat 6 network applications.

250 MHz

24 AWG

WARRANTY



FEATURES

- Cat6 UTP horizontal network cable
- Supports frequencies up to 250MHz
- Solid bare copper conductors
- HDPE conductor insulation
- Available with PVC or LSZH CM-rated outer jacket
- Integrated rip-cord for easier jacket removal
- 100Ω nominal characteristic impedance
- Supports Gigabit Ethernet applications
- Suitable for 10BASE-T and 100BASE-T Fast Ethernet
- Supports 250MHz broadband video
- Suitable for voice, T1 and ISDN applications
- Flame retardancy verified to IEC 60332-1-2 (LSZH only)

APPLICATIONS

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



Blue PVC Jacket



Green PVC Jacket



White PVC Jacket



Grey PVC Jacket



Blue LSZH Jacket

PRODUCT CODES

PRODUCT CODE	DESCRIPTION	LENGTH	COLOUR
C-C6-SLD24-BLUE	Cat6 UTP, Solid, 24AWG, PVC Jacket, 250MHz	305m Reelix Box	Blue
C-C6-SLD24-WH	Cat6 UTP, Solid, 24AWG, PVC Jacket, 250MHz	305m Reelix Box	White
C-C6-SLD24-GY	Cat6 UTP, Solid, 24AWG, PVC Jacket, 250MHz	305m Reelix Box	Grey
C-C6-SLD24-GRE	Cat6 UTP, Solid, 24AWG, PVC Jacket, 250MHz	305m Reelix Box	Green
C-C6-LSZH24-BLUE	Cat6 UTP, Solid, 24AWG, LSZH Jacket, 250MHz	305m Reelix Box	Blue

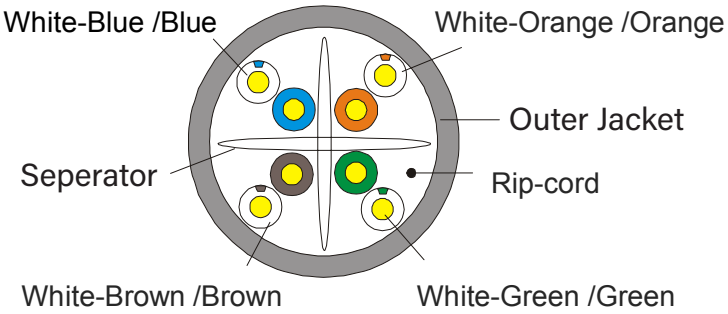
25 YEAR DYNAMIX CERTIFIED CABLING SYSTEM SYSTEM PERFORMANCE LIMITED WARRANTY

DYNAMIX TRUSTED & PROVEN Since 1989

SPECIFICATIONS

Cable Type	Catergory 6 UTP Horizontal Cable
Rated Frequency	250MHz
Conductor Material	Solid Bare Copper
Conductor Nominal O.D.	Up: 0.500mm / Down: 0.510mm, ±0.005mm
Insulation Material	HDPE
Insulation Diameter	0.88 ±0.05mm
Pair Colours	White/Blue + Blue; White/Orange + Orange; White/Green + Green; White/Brown + Brown
Rip-Cord	Yes
Drain Wire	No
Outer Jacket Thickness	0.50 ±0.05mm
External Cable O.D.	5.3 ±0.4mm
Outer Jacket Material	PVC or LSZH CM-rated, UL Listed
Available Jacket Colours	Blue, White, Grey, Green
Characteristic Impedance	100 ±15Ω, 1–250MHz
Delay Skew	≤45ns/100m
DC Resistance	Max. 9.5Ω/100m
DC Conductor Resistance Unbalance	Max. 5.0%
Before Ageing Tensile Strength	≥13.5MPa
Before Ageing Elongation	≥150%
Ageing Test	100°C x 24hrs x 7 days
After Ageing Tensile Strength	≥12.5MPa
After Ageing Elongation	≥125%
Cold Bend	-20 ±2°C x 4hrs; 8x cable O.D.; no visible cracks
Flame Retardancy	IEC 60332-1-2 (LSZH only)
Cat 6 Standard	ANSI/TIA/EIA-568-C.2
Additional Standards	ISO/IEC 11801 Class E, IEC 61156-6, CENELEC EN 50173-1, EN 50288-5-1, EN 50288-5-2
Approvals	UL/cUL Listed; ETL/3P Certified
Compliance	RoHS





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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