

CAT6A U/UTP INTERNAL UNSHIELDED CABLE ROLL

DESCRIPTION

The DYNAMIX CAT6A U/UTP Ethernet Cable is engineered for high performance, utilizing a robust 23AWGx4P construction. Available in both grey & black, & offered with PVC & LSZH (Low Smoke Zero Halogen) jackets, this cable ensures safety & durability. The colour options not only provide a sleek, professional look to your network setup but also signify compliance with international standards. This CAT6A cable meets rigorous specifications, adhering to ISO/IEC 11801, ANSI/TIA-568.2-D, EN 50173, & IEC 61156-5 standards.

FEATURES

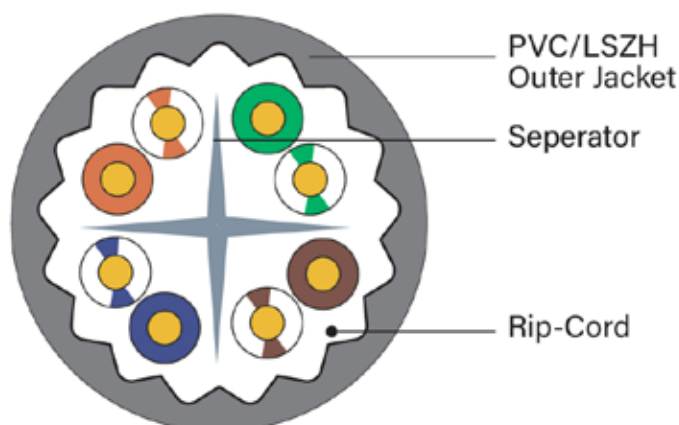
- CAT6A 10G U/UTP 305m cable roll
- 500MHz, 23AWG x4P, solid bare copper
- Available in PVC & LSZH CM rated outer jacket, UL listed
- HDPE (High Density Poly Ethylene) inner insulation
- Supplied in a REELEX II pull box
- NVP: 69%

APPLICATIONS

- Broadband Network Communication.
- Security systems
- Office equipment
- Audio and Data Transmission
- Ethernet Network



PRODUCT CODE	TYPE	LENGTH	COLOUR
C-C6AUTP-SLD	Solid, 23AWG x4P, PVC Outer Jacket	305m, Reelex Box	Grey
C-C6AUTP-SLDBLK	Solid, 23AWG x4P, PVC Outer Jacket	305m, Reelex Box	Black
C-C6AUTPL-SLDGY	Solid, 23AWG x4P, LSZH Outer Jacket.	305m, Reelex Box	Grey
C-C6AUTPL-SLDBLK	Solid, 23AWG x4P, LSZH Outer Jacket.	305m, Reelex Box	Black



SPECIFICATIONS

Conductor	Material	Solid-Bare Copper	
	Nom. O.D.(mm)	0.565	Up: +0.005
			Down: -0.005
Insulation	Material	HDPE	
	Diameter	1.02±0.08mm	
Outer Jacket	Thickness	0.70±0.05 mm	
	External O.D.	7.1±0.4 mm	
	Surface	Clean, Frap, Satiation	
	Material	PVC	
		LSZH (complies RoHS)	
Colour	Grey / Black		
Surface Printing	Letter height	3.0±0.3mm	
	Colour	Black	
	Print error & Space	≤ ±0.5%, 1m	
Core Colour	1. White- Blue / Blue	2. White-Orange / Orange	
	3. White-Green / Green	4. White- Brown / Brown	
Rip-cord	Yes (No Drain Wire)		
Outer Jacket Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5	
	Before Aging Elongation (%)	≥150	
	Aging Period (°C x hrs)	100°C x 24h x 7d	
	After Aging Tensile Strength (Mpa)	≥12.5	
	After Aging Elongation (%)	≥125	
	Cold bend (-20 ±2°C x4h)	8x Cable O.D. No visible cracks	
Electrical Characteristics (20°C)	Impedance (Ω) 1.0~250.0MHz	100±15	
	Impedance (Ω) 250.0~500.0MHz	100±22	
	1.0~500.0MHz, Delay Skew (ns/100m)	≤45	
	DC Resistance (Ω/100m) Max	9.38	
	DC Conductor Resistance Unbalance (%) Max	5.0	

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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