

CAT6A U/UTP INTERNAL UNSHIELDED CABLE ROLL

DESCRIPTION

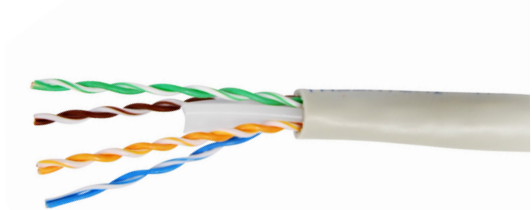
The DYNAMIX CAT6A U/UTP Ethernet Cable is engineered for high performance, utilizing a robust 23AWGx4P construction. Available in both grey & black, & offered with PVC & LSZH (Low Smoke Zero Halogen) jackets, this cable ensures safety & durability. The colour options not only provide a sleek, professional 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

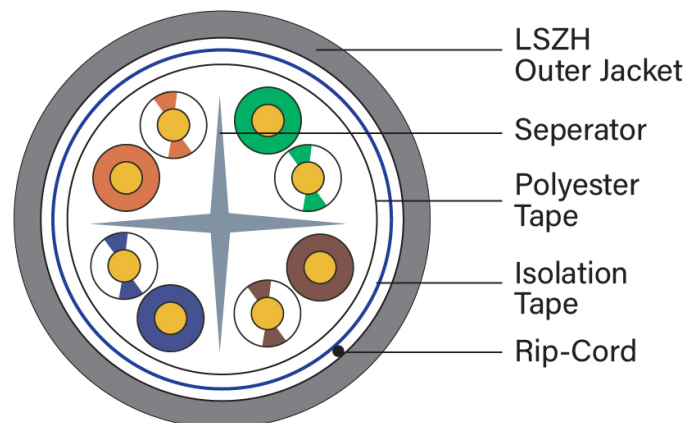
- CAT6A 10G U/UTP 305m cable roll
- 500MHz, 23AWG x4P, solid bare copper
- Available in PVC & LSZH CM rated outer jacket, UL listed
- HDPE (High Density Poly Ethylene) inner insulation
- Supplied in a REELEX II pull box
- NVP: 69%

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-SLDWH	Solid, 23AWG x4P, LSZH Outer Jacket.	305m, Reelex Box	White
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 / White
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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