CAT6A F/UTP SOLID CABLE ROLLS

DYNAMIX CERTIFIED CABLING SYSTEM Cat6A

DESCRIPTION

DYNAMIX CAT6A F/UTP solid cable is designed for structured network cabling installations requiring CAT6A performance. It features 23AWG solid bare copper conductors, foil shielding, drain wire and separator construction, with a choice of PVC or LSZH outer jackets in Blue, White or Black. The cable is supplied in 305m rolls and is rated for operation up to 500MHz.

500 MHz

23 AWG

WARRANTY

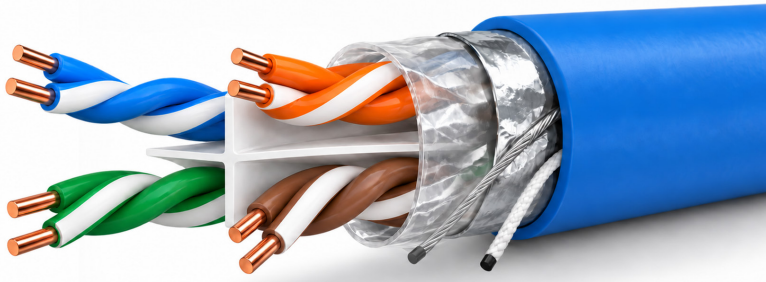


FEATURES

- CAT6A 4-pair F/UTP construction
- 23AWG solid bare copper conductors
- Up to 500MHz frequency performance
- Available with PVC or LSZH outer jacket
- 305m roll length
- Blue, White & Black jacket options
- HDPE conductor insulation
- Integrated rip-cord, drain wire
- Foil/Mylar shielding construction
- 100Ω nominal impedance
- Flame retardancy verified to IEC 60332-1-2
- RoHS compliant

APPLICATIONS

- Structured network cabling
- Gigabit & 10 Gigabit Ethernet
- Office & commercial LAN installations
- Data centres & server rooms
- Patch panels & network cabinets
- IP cameras & PoE devices
- Access points & network equipment



PRODUCT CODES

PRODUCT CODE	DESCRIPTION	LENGTH	COLOUR
C-C6AF-SLDWH	Cat6A F/UTP Cable Roll, 500MHz, 23AWGx4P, PVC Jacket	305m Pull Box	White
C-C6AFL-SLDBLUE	Cat6A F/UTP Cable Roll, 500MHz, 23AWGx4P, LSZH Jacket	305m Pull Box	Blue
C-C6AFL-SLDWH	Cat6A F/UTP Cable Roll, 500MHz, 23AWGx4P, LSZH Jacket	305m Pull Box	White
C-C6AFL-SLDBLK	Cat6A F/UTP Cable Roll, 500MHz, 23AWGx4P, LSZH Jacket	305m Pull Box	Black

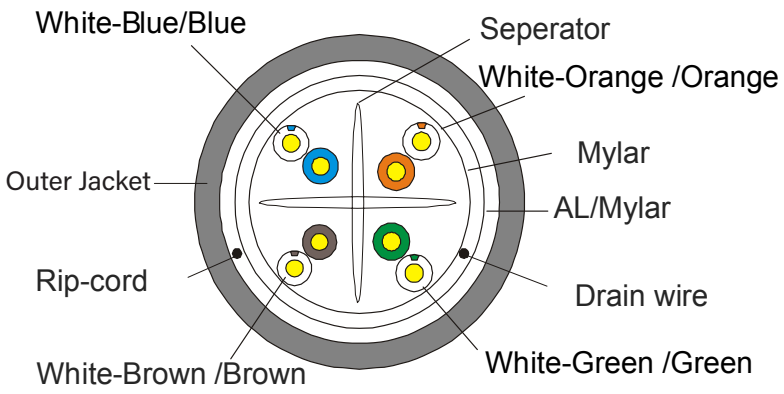
25 YEAR DYNAMIX CERTIFIED CABLING SYSTEM SYSTEM PERFORMANCE LIMITED WARRANTY

DYNAMIX TRUSTED & PROVEN Since 1989

SPECIFICATIONS

Category	CAT6A
Cable Construction	4-Pair F/UTP
Conductor	Solid Bare Copper
Conductor Size	23AWG
Conductor Nominal O.D.	0.565mm ±0.005mm
Insulation Material	HDPE
Insulation Diameter	1.12 ±0.04mm
Pair Colours	White/Blue + Blue, White/Orange + Orange, White/Green + Green, White/Brown + Brown
Shielding	F/UTP, Mylar / AL-Mylar construction
Drain Wire	Yes
Rip-cord	Yes
Separator	Yes
Outer Jacket	PVC or LSZH
Jacket Rating	CM rated, UL listed
Jacket Thickness	0.60 ±0.05mm
External Diameter	7.4 ±0.4mm
Jacket Colours	Blue, White & Black
Packing Length	305 ±1.5m
Frequency Range	Up to 500MHz
Impedance	100 ±15Ω @ 1–250MHz
Impedance @ 250–500MHz	100 ±22Ω
Delay Skew	≤45ns/100m
Unbalanced-to-Ground Capacitance	Max. 330pF/100m
DC Resistance	Max. 9.38Ω/100m
DC Conductor Resistance Unbalance	Max. 5.0%
Flame Retardancy	IEC 60332-1-2
Compliance	ANSI/TIA/EIA 568-C.2 CAT6A, ISO/IEC 11801, IEC 61156-6, CENELEC EN 50173-1, EN 50288-5-1 & EN 50288-5-2
Environmental Compliance	RoHS





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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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