



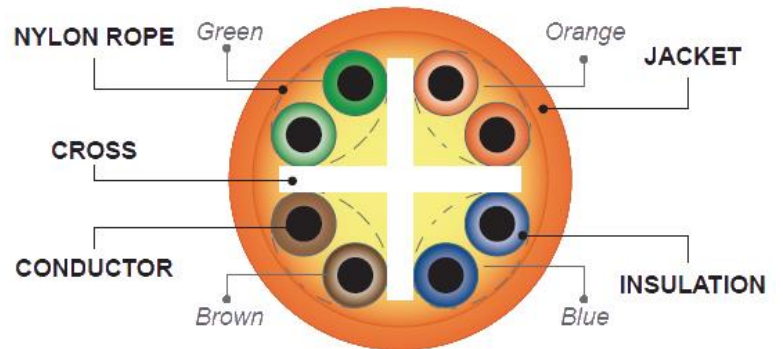
Our UTP category 6 cable is designed for top speed data transmission and consists of 4-pair 23 AWG copper wires. Manufactured in accordance with the highest data transmission standards for LAN networks, the Cat.6 twisted pair configuration guarantees top performance and meets all international telecommunications and electrical standards, including ANSI/TIA/EIA-568 C.2, and ISO/IEC 11801. It is perfect for structured cable installations of all kinds. Each box contains a reel with 1000 feet (305 meters) of cable.



AB356NXT01

AB356NXT02

AB356NXT03



Frequency	Att.	Pr-Pr	PS	Prop.	Delay	Return	Pr-Pr	PS
MHz	Solid	NEXT	NEXT	Delay ns	Skew ns	Loss	ELFEXT	ELFEXT
1	2.0	74.3	72.3	570	45	20.0	67.8	64.8
10	6.0	59.3	57.3	545	45	25.0	47.8	44.8
20	8.5	54.8	52.8	542	45	25.0	41.8	38.8
31.25	10.7	51.9	49.9	540.4	45	23.6	37.9	34.9
62.5	15.4	47.4	45.4	538.6	45	21.5	31.9	28.9
100	19.8	44.3	42.3	537.6	45	20.1	27.8	24.8
200	29.0	39.8	37.8	536.5	45	18.0	21.8	18.8
250	32.8	38.3	36.3	536.3	45	17.3	19.8	16.8





**Product specifications**

**Wire characteristics**

Cable type	UTP "Unshielded Twisted Pair"
Number of pairs	4
Number of wires	8
Wire type	Solid bare copper
Wire gauge size	23AWG

**Internal characteristics**

Internal jacket material	HDPE(CMI-75E)
Average min. thickness	0.178mm
Min. thickness	0.153mm

**Color combinations**

Pair 1	Blue and white / Blue
Pair 2	Orange and white / Orange
Pair 3	Green and white / Green
Pair 4	Brown and white / Brown

**External characteristics**

External jacket designation	CM
External jacket material	75°C PVC (CMI-80S)
Average min. thickness	0.585mm
Min. thickness	0.458mm
Average cable diameter	6.3mm +/- 0.3mm
Max. strength	11kg
Available jacket colors	Gray, bluer Red

**Electrical characteristics**

Voltage rating	300V
Temperature rating	75°C
Characteristic impedance (Zo)	85-115Ω (1-250MHz)
Conductive resistance	Max 7,32Ω / 100M 20°C
DC Resistance capacitance unbalance	5%
Pair-to-Ground capacitance unbalance	Max 330 pF/100m
Mutual capacitance	Max 5600 pF/100m
Dielectric strength	DC 2,5kV/2sec or AC 1,75kV/2sec
Nominal Velocity of propagation (NVP)	69%

**Transmission characteristics**

Transmission speed	1,000 Mbps / 1 Gbps
Bandwidth	250 MHz
Link max. distance	90 m

**Certifications and standards**

International standards	ANSI/TIA/EIA-568-C.2 and ISO/IEC 11801 Meets IEEE 802.3af and IEEE 802.3at for PoE applications
UL certificate	20080117 – E318654, DUZX.E318654, DVBI.E356966
ETL certificate	100227874CRT-001f

**Miscellaneous**

	GRAY	BLUE	RED
Color	GRAY	BLUE	RED
MPN	AB356NXT01	AB356NXT02	AB356NXT03
UPC	798302010192	798302010147	798302010178
Labeling	NEXXT U/UTP INSTALL CABLE 23AWG 4PR CM 75 °C (UL) E318654 ETL Verified rated ANSI/TIA 568C.2 CAT.6 XXXXXX-X XXXM www.nexxtsolutions.com		
Packaging	Carton box		
Cable length	1000ft / 305m		
Cu.ft	1.62		
Warranty	Limited lifetime warranty*		