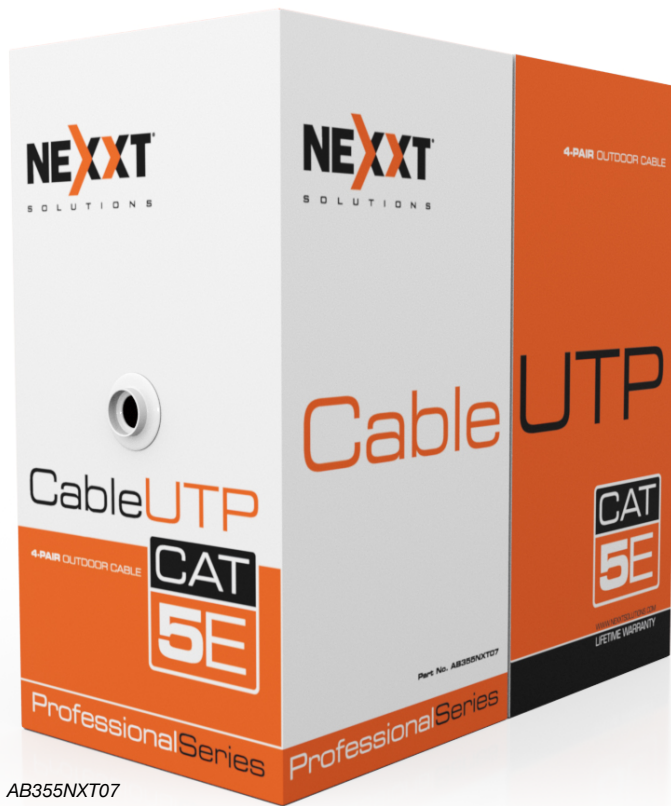


Cat.5E bulk cable

Outdoor UTP, CMX type jacket



AB355NXT07

Related products



AB360NXT**



AW160NXT**



AW110NXT**



AW190NXT**

Exceptional interconnection capability for reliable data transmission

Our Outdoor UTP category 5E cable consists of 4-pair 24 AWG copper wires. Manufactured in accordance with the highest data transmission standards for LAN networks, the Cat 5E twisted pair configuration guarantees top performance; it is perfect for any installation that requires highly-resistant outdoor cable. Protected from any weather or other external factors with a high-density polyethylene (HDPE) jacket, Type CMX, 24AWG x 4P ANSI/TIA-568-C.2: Horizontal Cable (Solid Conductor). Available in a box with 1000ft (305m) of cable.

Frequency (MHz)	Insertion Loss (dB/100m) Max.	Return Loss (dB/100m) Min.	NEXT (dB) Min.	PS NEXT (dB) Min.	ACR-F (dB) Min.	PS ACR-F (dB) Min.
1	2.0	28.9	70.8	68.5	71.2	69.7
4	4.1	31.1	65.3	58.9	59.2	58.5
8	5.8	28.3	62.8	56.8	50.6	49.8
10	6.7	27.5	58.2	56.3	50.4	48.1
16	8.3	27.3	56.0	54.4	49.8	47.3
20	9.5	27.4	51.3	49.9	44.1	44.8
25	10.6	30.9	50.3	47.4	42.0	42.7
31.25	11.9	33.1	48.9	46.8	41.4	40.1
62.5	17.0	26.1	43.8	41.9	32.9	32.5
100	21.9	19.0	40.2	38.4	29.6	29.5
160	27.8	20.8	38.4	36.4	23.7	23.4



Cat.5E bulk cable

Outdoor UTP, CMX type jacket

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	24 AWG
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	CMX
External jacket material	75°C PVC CMX (CMI-800) - For External Use
Average min. thickness	0.585mm
Min. thickness	0.458mm
Average cable diameter	5.3mm ± 0.3mm
Max. strength	11kg
Available jacket colors	Black
Electrical characteristics	
Voltage rating	300V
Temperature rating	75°C
Characteristic impedance (Zo)	85-115Ω (1-100 MHz)
Conductive resistance	Max. 9.38Ω/ 100M 20°C
DC resistance capacitance unbalance	5%
Pair-to-ground capacitance unbalance	Max. 330 pF/100m
Mutual capacitance	Max. 5,600 pF/100m
Dielectric strength	DC 2.5kV CC/2sec or AC 1.75kV/2sec
Nominal velocity of propagation (NVP)	69%
Meets PoE standards	IEEE802.3af, PoE type 1 (15.4 Watts/100m) IEEE802.3at, PoE type 2 (30 Watts/100m) IEEE802.3bt, PoE type 3 (60 Watts/100)
Transmission characteristics	
Transmission speed	100Mbps
Bandwidth	100MHz
Link max. distance	90m
Channel max. distance	100m
Certifications and standards	
International Standards	UL 444 & CSA-C22.2 No.214: Type CMX, 24AWG x 4P ANSI/TIA-568-C.2, ISO/IEC 11801 Horizontal Cable (Solid Conductor) and RoHS standard compliant for safety
UL Certificate	20080117 – E318654, DUZX.E318654, DVBI.E356966
Miscellaneous	
Color	BLACK
MPN	AB355NXT07
UPC	798303031134
Labeling	NEXXT TYPE 24AWG 4PR (UL) E318654-1 CSA LL79189 ETL VERIFIED to ANSI/TIA-568-C.2 CAT.5e CMX OUTDOOR www.nexxtsolutions.com
Packaging	Carton box
Cable length	1000ft/ 305m
Cu.ft.	1.08
Warranty	Limited lifetime. For full warranty details, visit: https://www.nexxtsolutions.com/warranty



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