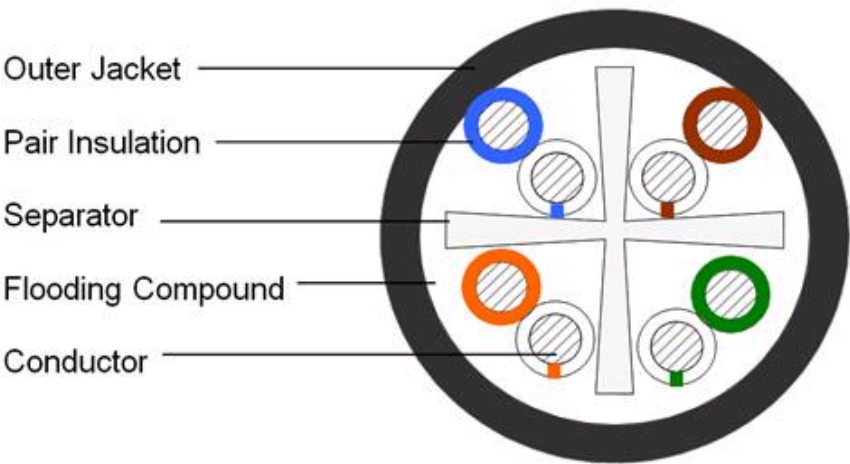


760008888 | 1571A BK 4/24 R1000  
**GigaSPEED® XL 1571 Category 6 U/UTP Cable, outdoor, black jacket, 4 pair count, 1000 ft (305 m) length, reel**

## Cross Section Drawing



## Construction Materials

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	PE
Separator Material	Polyolefin

## Dimensions

Cable Length	305 m   1000 ft
Cable Weight	27.30 lb/kft
Diameter Over Jacket	6.350 mm   0.250 in
Jacket Thickness	0.508 mm   0.020 in

## Electrical Specifications

ANSI/TIA Category	6
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m
Mutual Capacitance	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	62 %

760008888 | 1571A BK 4/24 R1000

Operating Frequency, maximum	250 MHz
Transmission Standards	ANSI/TIA-568-C.2   CENELEC EN 50288 -6-1   ISO/IEC 11801 Class E
Note	Delay has been derated by 5% due to the water proofing agents   The maximum permanent link length is reduced from 295 feet to 280 feet as a result of the delay derating

## Environmental Specifications

Environmental Space	Buried
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

## General Specifications

Brand	SYSTIMAX®
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Pairs, quantity	4
Jacket Color	Black
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Separator Type	Isolator
Packaging Type	Reel
Product Number	1571A

## Mechanical Specifications

Pulling Tension, maximum	11 kg   25 lb
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## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

