



UC1AAA2-01 | UNC10G-BK

**Uniprise Ultra 10® Category 6A U/UTP Patch Cord, Snagless, Black Jacket**

## Dimensions

Cord Length, maximum	300 ft   100 m
Cord Length, minimum	7 ft   2 m

## Electrical Specifications

ANSI/TIA Category	6A
dc Resistance, maximum	0.30 ohm
Safety Voltage Rating	300 V

## Environmental Specifications

Environmental Space	Non-plenum
Flammability Rating	UL 94 V-0
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Safety Standard	cETL   ETL

## General Specifications

Cable Type	U/UTP (unshielded)
Interface, connector A	RJ45 plug
Interface, connector B	RJ45 plug
Jacket Color	Black
Brand	Ultra 10®   Uniprise®
Interface Feature, connector A	Standard
Interface Feature, connector B	Standard
Package Quantity	1
Pairs, quantity	4

## Mechanical Specifications

Conductor Type	Solid
Material Type	Copper alloy   Polycarbonate
Outlet/Module Contact Plating	Precious metals
Plug Insertion Life, minimum	750 times
Plug Retention Force, minimum	133 N   30 lbf
Wiring	T568B

## Wiring Diagram

	Connector A	Connector B
Position 1	White/Orange	White/Orange
Position 2	Orange	Orange
Position 3	Lt. Green	Lt. Green
Position 4	Blue	Blue
Position 5	Lt. Blue	Lt. Blue
Position 6	Green	Green
Position 7	Lt. Brown	Lt. Brown
Position 8	Brown	Brown

## Regulatory Compliance/Certifications

**Agency**

RoHS 2011/65/EU

ISO 9001:2008

**Classification**

Compliant

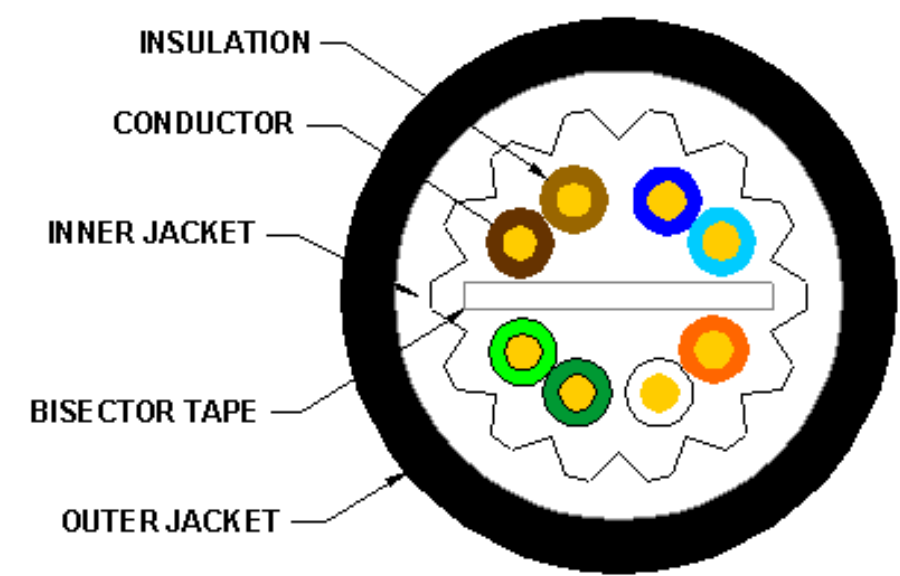
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## Included Products

CC8469844/BU | UNC10G BLACK 4/24 Bulk (Product Component—not orderable) — Ultra 10® 10GNJ4 Category 6A U/UTP Cable, non-plenum, black jacket, 4 pair count, bulk length, reel

CC8469844/BU | UNC10G BLACK 4/24 Bulk  
Ultra 10® 10GNJ4 Category 6A U/UTP Cable, non-plenum, black jacket, 4 pair count, bulk length, reel  
**Cross Section Drawing**



## Construction Materials

Jacket Material	PVC
Conductor Material	Bare copper
Inner Jacket Material	PVC
Insulation Material	Polyolefin
Separator Material	Polyolefin

## Dimensions

Cable Length, special	Bulk length
Cable Weight	43.20 lb/kft
Diameter Over Jacket	7.823 mm   0.308 in
Jacket Thickness	0.737 mm   0.029 in

## Electrical Specifications

ANSI/TIA Category	6A
Characteristic Impedance	100 ohm
dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	9.38 ohms/100 m
Mutual Capacitance	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	67 %
Operating Frequency, maximum	550 MHz
Transmission Standards	ANSI/TIA-568-C.2

CC8469844/BU | UNC10G BLACK 4/24 Bulk

Safety Voltage Rating	300 V
Dielectric Strength, minimum	1500 Vac   2500 Vdc

## Environmental Specifications

Environmental Space	Non-plenum
Flame Test Method	CM
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

## General Specifications

Cable Type	U/UTP (unshielded)
Pairs, quantity	4
Cable Component Type	Cordage
Packaging Type	Reel
Brand	Ultra 10®   Uniprise®
Jacket Color	Black
Product Number	UNC10G
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Separator Type	Bisector

## Mechanical Specifications

Pulling Tension, maximum	11 kg   25 lb
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