



UC1AAA2-09 | UNC10G-YL

Uniprise Ultra 10® Category 6A U/UTP Patch Cord, Snagless, Yellow 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	Yellow
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

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	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

Designed, manufactured and/or distributed under this quality management system



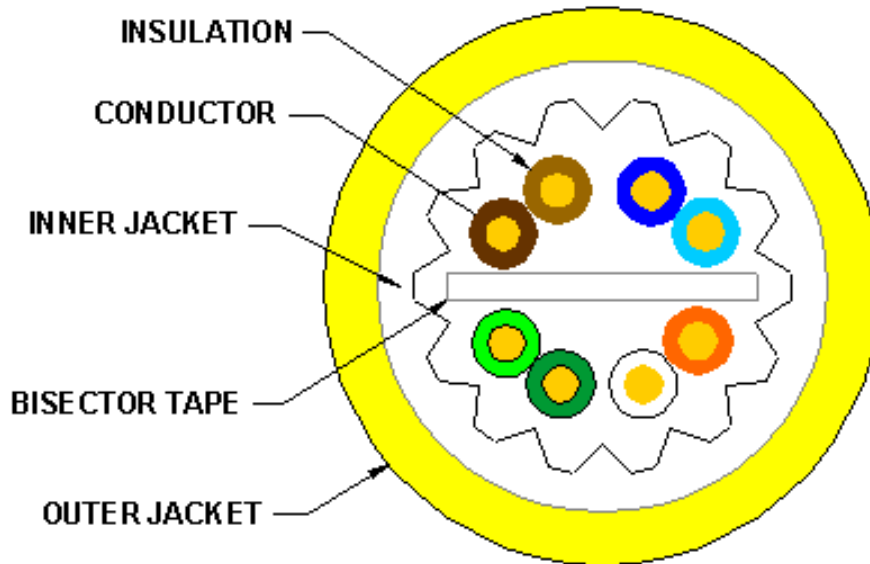
Included Products

CC8469644/BU | UNC10G YELLOW 4/24 Bulk (Product Component—not orderable) — Ultra 10® 10GNJ4 Category 6A U/UTP Cable, non-plenum, yellow jacket, 4 pair count, bulk length, reel

CC8469644/BU | UNC10G YELLOW 4/24 Bulk

Ultra 10® 10GNJ4 Category 6A U/UTP Cable, non-plenum, yellow 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

CC8469644/BU | UNC10G YELLOW 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 Yellow
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

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

