

# BC1AAA2

Base Product



Uniprise Ultra 10® Category 6A U/UTP Patch Cord, Snagless, (Pack of 10)

## Product Classification

Regional Availability	North America
Portfolio	Uniprise®
Product Type	Twisted pair patch cord
Product Brand	Ultra 10®
Product Series	BC
Ordering Note	Cords < 1 m are valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords   Cords > 1 m are authorized for use in channels and are an effective standalone method used to connect active devices

## General Specifications

ANSI/TIA Category	6A
Cable Type	U/UTP (unshielded)
Conductor Type	Solid
Interface, Connector A	RJ45 plug
Interface Feature, connector A	Standard
Interface, Connector B	RJ45 plug
Interface Feature, connector B	Standard
Jacket Color	Black   Blue   Green   Orange   Purple   Red   Slate   Violet   White   Yellow
Pairs, quantity	4
Transmission Standards	IEEE 802.3bt Type 4
Wiring	T568B

## Dimensions

Cable Assembly Length Range (m)	1 – 8
Cable Assembly Length Range (ft)	1 – 25

# BC1AAA2

Cable Assembly Length Range (cm)	15 – 800
Cable Assembly Length Range (in)	6 – 300
Diameter Over Jacket	7.24 mm   0.285 in
Compatible Conductor Gauge, solid	24 AWG

## 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

## Electrical Specifications

dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

## Ordering Tree

# BC1AAA2

BC-

9

10

11

12

0

1

F

0

5

0

Outlet Color	
9	0 Not applicable
	1 Black
	2 Blue
	3 Gray
	4 Green
	5 Ivory
	6 Orange
	7 Red
	8 White
	9 Yellow
	B Lilac

Jacket Color	
10	1 Black
	2 Light blue
	3 Dark gray
	4 Spring green
	5 Ivory
	6 Orange
	7 Red
	8 White
	9 Yellow
	B Lilac
	C Gray
	K Pink
	L Violet
	M Green
	Z Blue

UOM		
11	F	Foot
	M	Meter
	N	Inch

Length	
12	XXX

- Notes
- Cords > 1m are authorized for use in channels and are an effective standalone method used to connect active devices
  - Cords < 1m are also valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords

## Material Specifications

Contact Plating Material	Precious metals
Material Type	Copper alloy   Polycarbonate

## Mechanical Specifications

Plug Insertion Life, minimum	750 times
Plug Retention Force, minimum	133 N   29.9 lbf

## Environmental Specifications

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

## Packaging and Weights

Packaging quantity	10
--------------------	----

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system