

UC1BBB2-08 | UNC6-WH

Uniprise Category 6 U/UTP Patch Cord, RJ45 to RJ45, 4-pair, Non-Plenum, White Jacket

Ordering Details

Complete Part Number	Complete Description Code	Cord Length
UC1BBB2-08F010	UNC6-WH-10FT	10 ft

Dimensions

Cord Length, maximum	100 ft 30 m
Cord Length, minimum	1 ft 1 m

Electrical Specifications

ANSI/TIA Category	6
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	White
Brand	Uniprise®
Interface Feature, connector A	Standard
Interface Feature, connector B	Standard
Package Quantity	1
Pairs, quantity	4

Mechanical Specifications

Conductor Type	Stranded
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

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



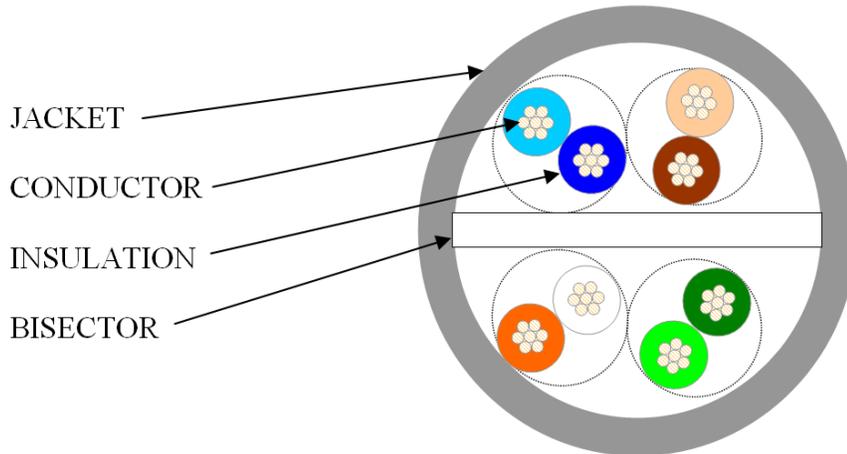
Included Products

CC8863344/BU | 6EJCM/UNC6 WHITE BULK REEL (Product Component—not orderable) — Uniprise 6EJCM Category 6 U/UTP Cable, non-plenum, white jacket, 4 pair count, bulk length, reel

CC8863344/BU | 6EJCM/UNC6 WHITE BULK REEL

Uniprise 6EJCM Category 6 U/UTP Cable, non-plenum, white jacket, 4 pair count, bulk length, reel

Cross Section Drawing



Construction Materials

Jacket Material	PVC
Conductor Material	Tinned copper
Insulation Material	Polyolefin
Separator Material	Polyolefin

Dimensions

Cable Length, special	Bulk length
Cable Weight	25.00 lb/kft
Diameter Over Jacket	5.969 mm 0.235 in
Jacket Thickness	0.559 mm 0.022 in

Electrical Specifications

ANSI/TIA Category	6
Characteristic Impedance	100 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m
Mutual Capacitance	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	69 %
Operating Frequency, maximum	300 MHz
Transmission Standards	ANSI/TIA-568-C.2 CENELEC EN 50288-6-1 ISO/IEC 11801 Class E
Safety Voltage Rating	300 V
Dielectric Strength, minimum	1500 Vac 2500 Vdc

Environmental Specifications

Environmental Space	Non-plenum
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CC8863344/BU | 6EJCM/UNC6 WHITE BULK REEL

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	Uniprise®
Jacket Color	White
Product Number	6EJCM
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Stranded
Conductors, quantity	8
Separator Type	Bisector

Mechanical Specifications

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

Agency	Classification
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ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

