

Category 5e U/UTP Patch Cord, RJ45 to RJ45, 4-pair, Non-Plenum, Yellow Jacket

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Twisted pair patch cord

## General Specifications

<b>ANSI/TIA Category</b>	5e
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type</b>	Stranded
<b>Interface Feature, connector A</b>	Standard
<b>Interface Feature, connector B</b>	Standard
<b>Interface, Connector A</b>	RJ45 plug
<b>Interface, Connector B</b>	RJ45 plug
<b>Jacket Color</b>	Yellow
<b>Pairs, quantity</b>	4
<b>Wiring</b>	T568B

## Dimensions

<b>Cable Assembly Length, minimum (ft)</b>	1
<b>Cable Assembly Length, maximum (ft)</b>	100
<b>Cable Assembly Length, minimum (m)</b>	1
<b>Cable Assembly Length, maximum (m)</b>	30

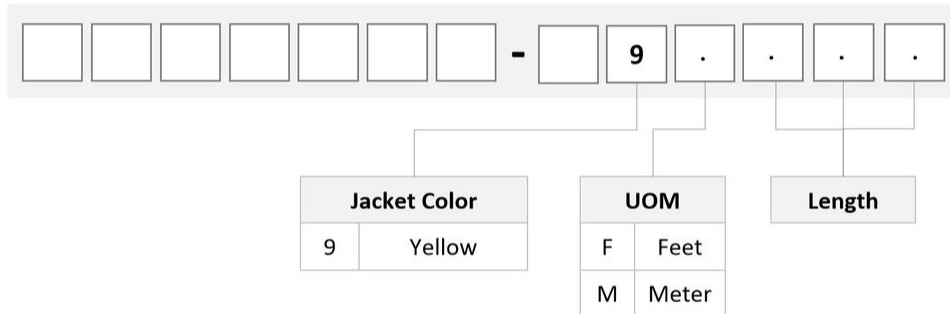
## Wiring Diagram

	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

<b>dc Resistance, maximum</b>	0.3 ohm
<b>Safety Voltage Rating</b>	300 V

### Ordering Tree



## Material Specifications

**Contact Plating Material** Gold in remating area | Nickel underplating  
**Material Type** Phosphor Bronze | 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** CM

# CO155D2-09 | CO5E-U-CM-YL

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**Safety Standard**

ETL | cETL

Packaging and Weights

**Packaging quantity**

1

Regulatory Compliance/Certifications

**Agency**

**Classification**

ISO 9001:2015

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



Included Products

**C C 4 6 5 9 9 4 4 / B U**

**CC5ECM YEL 4/24 SR U/UTP RL BULK** — CC5ECM Category 5e U/UTP Cable, non-plenum, yellow jacket, 4 pair count, bulk length, reel

# CC4659944/BU | CC5ECM YEL 4/24 SR U/UTP RL BULK

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CC5ECM Category 5e U/UTP Cable, non-plenum, yellow jacket, 4 pair count, bulk length, reel

## Product Classification

<b>Regional Availability</b>	North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Twisted pair cable

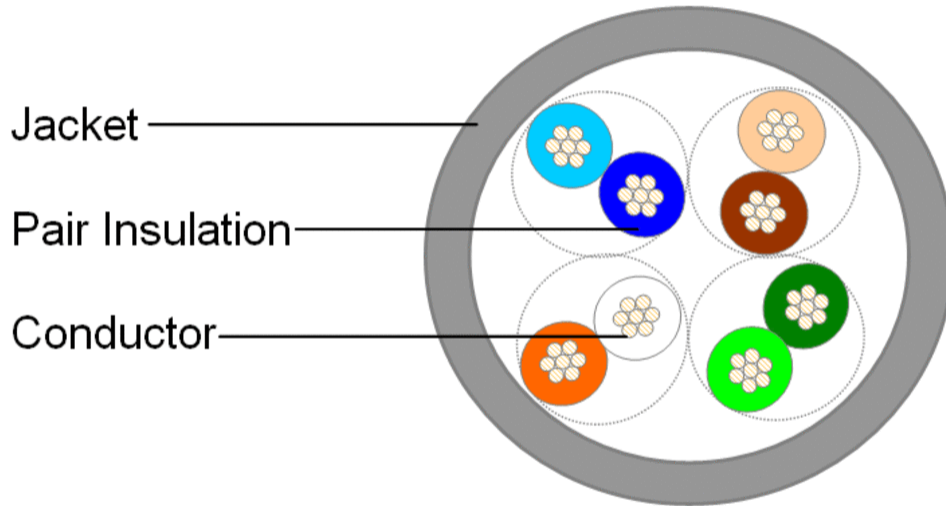
## General Specifications

<b>Product Number</b>	CC5ECM
<b>ANSI/TIA Category</b>	5e
<b>Cable Component Type</b>	Cordage
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type, singles</b>	Stranded
<b>Conductors, quantity</b>	8
<b>Jacket Color</b>	Yellow
<b>Pairs, quantity</b>	4
<b>Transmission Standards</b>	ANSI/TIA-568-C.2   CENELEC EN 50288-3-1   ISO/IEC 11801 Class D

## Dimensions

<b>Cable Length, special</b>	Bulk length
<b>Diameter Over Jacket, nominal</b>	0.211 in   5.359 mm
<b>Jacket Thickness</b>	0.018 in   0.457 mm
<b>Conductor Gauge, singles</b>	24 AWG

## Cross Section Drawing



## Electrical Specifications

<b>Characteristic Impedance</b>	100 ohm
<b>dc Resistance Unbalance, maximum</b>	5 %
<b>dc Resistance, maximum</b>	9.38 ohms/100 m   2.859 ohms/100 ft
<b>Dielectric Strength, minimum</b>	1500 Vac   2500 Vdc
<b>Mutual Capacitance at Frequency</b>	5.6 nF/100 m @ 1 kHz
<b>Nominal Velocity of Propagation (NVP)</b>	69 %
<b>Operating Frequency, maximum</b>	200 MHz
<b>Operating Voltage, maximum</b>	80 V
<b>Remote Powering</b>	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

# CC4659944/BU | CC5ECM YEL 4/24 SR U/UTP RL BULK

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**Safety Voltage Rating** 300 V

## Material Specifications

**Conductor Material** Tinned copper

**Insulation Material** Polyolefin

**Jacket Material** PVC

## Mechanical Specifications

**Pulling Tension, maximum** 25 lb | 11.34 kg

## Environmental Specifications

**Installation temperature** 0 °C to +60 °C (+32 °F to +140 °F)

**Operating Temperature** -20 °C to +60 °C (-4 °F to +140 °F)

**Environmental Space** Non-plenum

**Flame Test Method** CM

## Packaging and Weights

**Cable weight** 21.57 lb/kft | 2.982 kg/km

**Packaging Type** Reel

## Regulatory Compliance/Certifications

### Agency

ISO 9001:2015

### Classification

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

