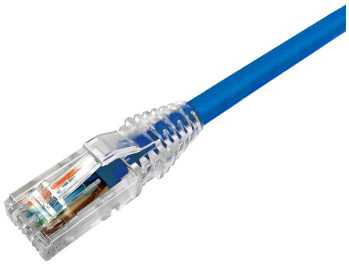
C0155D2-0Z | C05E-U-CM-BL



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

Product Classification

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

General Specifications

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

Dimensions

Cable Assembly Length, minimum (ft)	1
Cable Assembly Length, maximum (ft)	100
Cable Assembly Length, minimum (m)	1
Cable Assembly Length, maximum (m)	30

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

Electrical Specifications

dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

Ordering Tree

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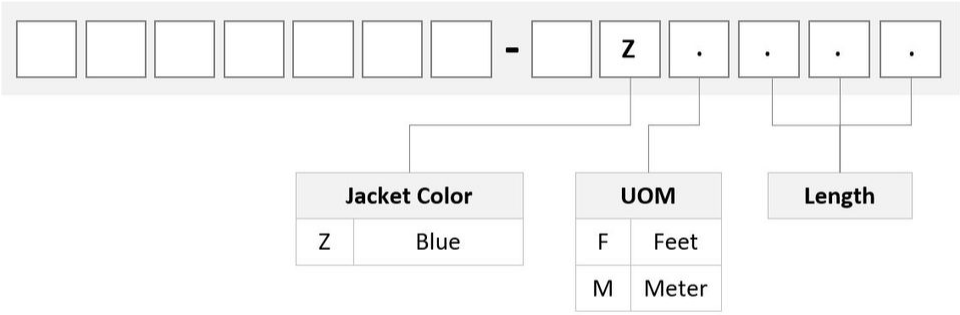

Material Specifications

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

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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 7 8 4 4 / B U
CC5ECM BLU 4/24 SR U/UTP RL BULK — CC5ECM/5EJ4/UNC5 Category 5e U/UTP Cable, non-plenum, blue jacket, 4 pair count, bulk length, reel

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CC4657844/BU | CC5ECM BLU 4/24 SR U/UTP RL BULK

CC5ECM/5EJ4/UNC5 Category 5e U/UTP Cable, non-plenum, blue jacket, 4 pair count, bulk length, reel

Product Classification

Regional Availability	North America
Portfolio	CommScope®
Product Type	Twisted pair cable

General Specifications

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

Dimensions

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

Cross Section Drawing

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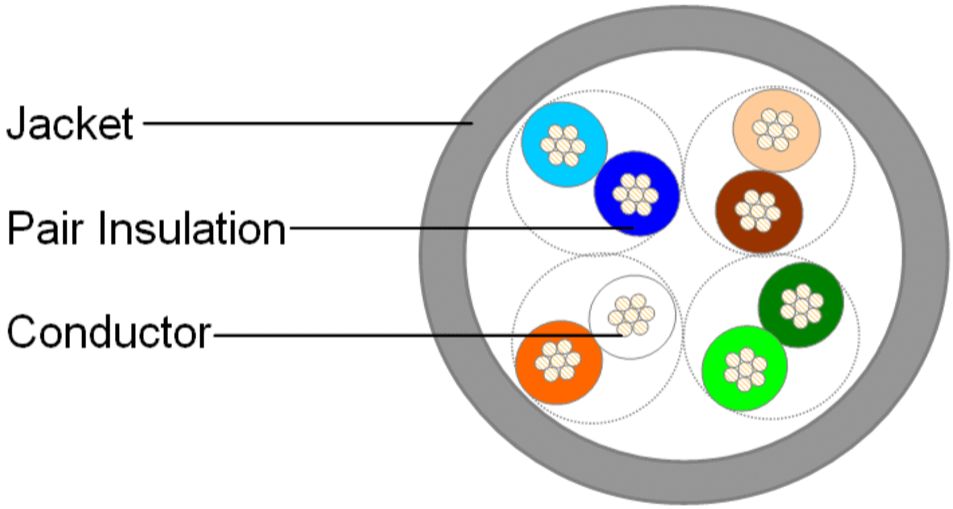
CC4657844/BU | CC5ECM BLU 4/24 SR U/UTP RL BULK



Electrical Specifications

Characteristic Impedance	100 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m | 2.859 ohms/100 ft
Dielectric Strength, minimum	1500 Vac | 2500 Vdc
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	69 %
Operating Frequency, maximum	200 MHz
Operating Voltage, maximum	80 V
Remote Powering	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

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

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