## CO166S2

#### **Base Product**



# MiNo6 Cat 6 U/UTP Reduced Diameter RJ45 Patch Cord, LS-CM Dual Rated

- Perfect for cross connects, workstations or racks with higher-density and/or limited space
- Small diameter unshielded twisted pair patch cords (0.15 inch/3.81 mm) that offers flexibility, durability and reliability
- Unique laminate barrier wrap provides excellent alien cross-talk performance

#### Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio CommScope®

Product Type Twisted pair patch cord

Product Series CO | UTG

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 6 (except wire gauge)

Cable Type U/UTP (unshielded)

Conductor Type Solid

Interface, Connector ARJ45 plugInterface Feature, connector AStandardInterface, Connector BRJ45 plugInterface Feature, connector BStandard

Jacket Color Black | Blue | Dark gray | Green | Light

blue | Orange | Purple | Red | Spring green | Violet | White | Yellow

Pairs, quantity 4

**Transmission Standards** IEEE 802.3bt Type 4

Wiring T568B

**Dimensions** 



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Cable Assembly Length Range (m) 1 - 40

Cable Assembly Length Range (ft) 1 - 100

Cable Assembly Length Range (cm) 15 - 999

Cable Assembly Length Range (in) 6 - 999

Cable Assembly Length Range (in) 6 – 999

Diameter Over Jacket 3.708 mm | 0.146 in

Compatible Conductor Gauge, solid 28 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

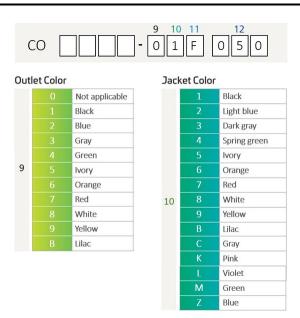
### **Electrical Specifications**

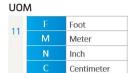
dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

### Ordering Tree



## CO166S2





Length

#### 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 90 N | 20.233 lbf

#### **Environmental Specifications**

**Operating Temperature**  $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Environmental Space Low Smoke Zero Halogen (LSZH) | Non-plenum

Flammability Rating UL 94 V-0

Safety Standard Anatel | UL 1863

Packaging and Weights

Packaging quantity

#### Regulatory Compliance/Certifications

Agency Classification

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

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