



# Category 6 Patch Cord, Unshielded

#### Features & Benefits

- 1000BASE T Ethernet applications
- Stranded conductors for flexibility and bending performance
- Strain relief protection boots
- Gold-plated and staggered pin design to reduce NEXT
- Available in different colors and lengths

### Compliance & Standards

- ANSI/TIA-568.2-D Category 6
- ISO/IEC 11801 Class E
- IEC 61156-6

### **Product Specifications**

### Drawing



| Shielding                      |               | U/UTP  |
|--------------------------------|---------------|--|
| Pair                           |               | 4  |
| Color Code                     |               | P1: White-blue / Blue<br>P2: White-orange / Orange |
|                                |               | P3: White-green / Green<br>P4: White-brown / Brown |
| AWG                            |               | 24AWG  |
| Conductor                      | Structure     | Standard Bare Copper                               |
| Insulation                     | Material      | HDPE   |
|                                | Gold Plating  | 50u"   |
| Connector                      | Туре          | RJ45 8P8C  |
|                                | Assembly Type | Molding  |
|                                | Durability    | ≥1000 times  |
|                                | Material      | PVC, LSZH, CM, CMR                                 |
| Jacket                         | Color         | Blue, Gray, Red, Yellow and Customize              |
|                                | Diameter (mm) | 6.0±0.3  |
| Packaging                      |               | 1 PC/Poly Bag                                      |
| Installation Temperature Range |               | 0°C~ + 50°C  |
| Operating Temperature          |               | -20°C~ + 60°C                                      |

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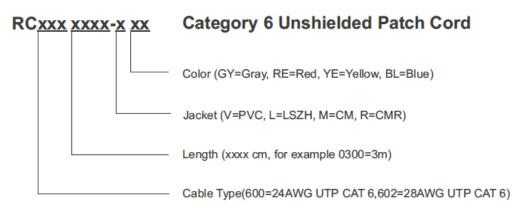
#### **Mechanical Performance**

| Cable Under the Minimum Tension |                  | ≥100N  |
|---------------------------------|------------------|--------|
| Jacket Before Aging             | Tensile Strength | ≥10Mpa |
|                                 | Elongation       | ≥125%  |

### **Electrical Performance**

| DC Resistance Unbalance (%)            | ≤2.0%                           |
|--|---------------------------------|
| Dielectric Strength between Conductors | 1.0Kv, 1min No Breakdown        |
| Delay Skew                             | ≤45ns/100m                      |
| Delay                                  | ≤555ns/100mm                    |
| Dielectric Strength                    | ≥5000MΩ•km + 20°C DC (100-500)V |

## **Ordering Information**



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