

7ft (2.1m) Cat6 Snagless Unshielded UTP Ethernet Network Patch Cable - Blue **SKU: CG27142**



For fast Ethernet and Gigabit computer networks that require bandwidth-intensive voice, data, or video distribution applications. Meets all Cat6 TIA/EIA standards, and drastically reduces both impedance and structural return loss (SRL). Each of the individual pairs is bonded together to help maintain the twist-spacing throughout the line right up to the termination point. Constructed from high quality copper cable, this design minimizes Near-End Crosstalk (NEXT) levels. The molded, snagless boot prevents unwanted cable snags during installation and provides extra strain relief. Available in a variety of colors to easily color-code your network installation.

Features and Benefits

- Snagless design protects clips when plugging and unplugging
- Standard RJ45 connectors and unshielded twisted pair wires
- Available in 10 colors to color-code a network
- Available in lengths up to 150ft

Additional Technical Specifications

Electrical Characteristics

- Conductor DC Resistance - 9.38
- 100m (maximum)
- Impedance - 100
- Capacitance - 5600pf/100m
- Propagation Delay - 545ns/100m (maximum)
- Delay Skew - 45ns/100m (maximum)

Physical Characteristics

- Wiring Scheme - T568B
- Standard: Category 6 TIA/EIA-568-B-2.1, draft 9
- Connector: 50 micron gold-plated RJ45
- Temperature Rating - 60°C
- Voltage Rating - 30V
- Approvals - RoHS Compliant
- Warranty - Lifetime
- Package Type - Polybag

Conductor (Qty. 4 twisted pair)

- Conductor Type - 24AWG (7/0.20), Stranded Bare Copper
- Insulation - H-D PE
- Diameter - 0.98 ± 0.05 mm
- Colors - Blue, Blue-White, Orange, Orange-White, Green, Green-White, Brown, Brown-White

Connector Type (Qty. 2)

- Connector Type - 8P8C (RJ45)
- Gender - Male
- Connector Material - Polycarbonate
- Contact Material - Copper Alloy, Gold Plating - 50µm
- Hood Material - Molded PVC

Overall Cable

- Jacket - PVC
- Minimum Average Thickness - 0.60mm
- Outer Diameter - 6.20 ± 0.30 mm

Specifications

Dimensions &

Measurements

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| Cable Diameter | 0.24 in (6.2 mm) |
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| Cable Length | 7 ft (2.1 m) |
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| Shipping Weight | 0.21 lbs (0.1 kg) |
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| Wire Gauge | 24 |
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| Wiring Scheme | T568B |
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Characteristics & Features

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| Cable Shielding | Unshielded (UTP) |
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| Cable Type | Cat6 |
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| Category Performance Application | Cat 6 |
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| Color | Blue |
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| Conductor Material | Copper |
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| Conductor Stranding | Stranded |
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|-------------|---|
| Connector 1 | <ul style="list-style-type: none">• (1) RJ-45 Male• (1) RJ-45 Male |
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|-------------|---|
| Connector 2 | <ul style="list-style-type: none">• (1) RJ-45 Male• (1) RJ-45 Male |
|-------------|---|

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|-------------------------|-----|
| Connector Hood Material | PVC |
|-------------------------|-----|

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|----------------|---|
| Connector Type | <ul style="list-style-type: none">• Booted• Snagless |
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| Jacket Rating | Standard Non-Rated |
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| Product Type | Cable |
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| Signal Type | UTP |
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| UPC | 757120271420 |
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Certifications & Warranties

Certifications

- CE
- NDAA 889
- Prop 65
- REACH
- RoHS
- TSCA

Jacket Material

PVC

Warranty

Lifetime

Source: https://www.legrandav.com/products/cables_and_connectivity/category_cables/cat6-slagless-patch-cable/cg27142