

3ft (0.9m) Cat6 Snagless Unshielded UTP Ethernet Network Patch Cable - Blue **SKU: CG27141**



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 - $0.98 \pm 0.05\text{mm}$
- 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 - $6.20 \pm 0.30\text{mm}$

Specifications

Dimensions &

Measurements

Cable Diameter	0.24 in (6.2 mm)
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Cable Length	3 ft (0.9 m)
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Shipping Weight	0.11 lbs (0.1 kg)
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Wire Gauge	24
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Wiring Scheme	T568B
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Characteristics & Features

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	757120271413
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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/cg27141