



Product: [C6PBxyyzzzz](#)



CAT6, 24 AWG, UTP, LSZH GB 31247 B1, Stranded Patch Cord, 8MOD-8MOD

Product Description

C6PBxyyzzzz CAT6, 24 AWG, UTP, LSZH GB 31247 B1, Stranded Patch Cord, 8MOD-8MOD

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Pairs |
|-----|-----------|------------------|--------------|
| 24 | Stranded | BC - Bare Copper | 4 |

Outer Jacket

| Material |
|---|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) |

Packaging: Individually packaged in a clear plastic bag.

Connectors

Materials

| Description | Material |
|------------------------|---|
| Plug Housing material | PC - Polycarbonate, UL 94V-2 rated |
| Contact Blade material | Phosphor bronze plated with 50u" gold over 100u" nickel undercoat |

Electrical Characteristics

| | |
|-------------------------|-------------------|
| Dielectric Strength: | 1000 VAC |
| Current Rating: | 1.5 A |
| Insulation Resistance: | 100 M-Ohm Minimum |
| Max Contact Resistance: | 20 mOhm |

Voltage

| Voltage Rating [V] |
|--------------------|
| 72 VDC |

Temperature Range

| | |
|------------------------------|----------------|
| Operating Temperature Range: | -10°C to +60°C |
|------------------------------|----------------|

Mechanical Characteristics

| | |
|---------------------------|------|
| Plug /Jack Compatibility: | RJ45 |
|---------------------------|------|

Termination Interface

| Durabilities |
|-------------------|
| 750 mating cycles |

Standards

| | |
|---------------------|-------------------------------------|
| ISO/IEC Compliance: | ISO/IEC 11801, IEC 60603-7 |
| Data Category: | Category 6 |
| TIA/EIA Compliance: | TIA-568.2-D |
| Other Standards: | FCC Part 68, Subpart F, IEC 60603-7 |

Applicable Environmental and Other Programs

| | |
|---------------------------------|-----|
| EU Directive 2002/95/EC (RoHS): | Yes |
|---------------------------------|-----|

Related Part Numbers

Variants

| Item # | Length |
|-------------|--------|
| C6PB102007F | 7 ft |
| C6PB102010F | 10 ft |
| C6PB104007F | 7 ft |
| C6PB104010F | 10 ft |
| C6PB105007F | 7 ft |
| C6PB105010F | 10 ft |
| C6PB106007F | 7 ft |
| C6PB106010F | 10 ft |
| C6PB108007F | 7 ft |
| C6PB108010F | 10 ft |
| C6PB109007F | 7 ft |
| C6PB109010F | 10 ft |
| C6PB119007F | 7 ft |
| C6PB119010F | 10 ft |

Product Notes

| | |
|--------|---|
| Notes: | CAT6 Modular Patch Cords are constructed by CAT 6/Class E UTP 4 Pair, 24 AWG cord cable and terminated with RJ45 plugs at both ends, molded boot provides good strain relief performance. Factory terminated and 100% test keep the products quality guaranteed. Both T568A and T568B wire scheme as well as different jacket colors available. GB 31247 B1 (d0, t0, a1). |
|--------|---|

History

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| Update and Revision: | Revision Number: 0.6 Revision Date: 02-20-2025 |
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