

PowerCat 6 PVC Locking Patch Cords

molex

The Molex PowerCat 6 Locking Patch Cords complement the PowerCat 6 end-to-end solution.

The Molex PowerCat 6 Patch Cords are designed to support high-speed networks including 10/100BASE-T and 1000BASE-T. The patch cables are equipped with RJ45 connectors protected by a locking mechanism. Once the patch cord is connected, it cannot be removed without the use of the specially designed key. This solution prevents unauthorized changes in patch cable connections within the telecommunication outlet zone or patching zone. It also allows for the protection of strategic connections within the system.

The patch cable is made from high quality four pair U/UTP 24 AWG stranded copper wire available in white, black, blue, gray, green, yellow, orange, purple, red and pink. Lengths offered from 1ft to 65ft.

Please note that the patch cords are supplied with one key per pack of 10.

Features and Advantages

Patch cords are equipped with RJ45 connectors protected by a lock

4 pair 24 AWG U/UTP cord with PVC outer sheath

Slim clear anti-snap slip on boots

568B wiring

RoHS compliant



Specifications

MECHANICAL

Cable
Conductor size: 24 AWG stranded copper wire
Nom. O.D.: 6.1mm max
Sheath: PVC
Bend radius: 8X O.D.
Operating temperature range: -4°F to 140°F

Plug

Operating life: Minimum 750 insertion cycles
RJ45 plug material: Clear polycarbonate (PC)
Boot material: Clear polyvinylchloride (PVC)
Contact material: 0.35mm thick copper
Contact plating: 1.27um gold
RJ45 plug dimensions compliant with:
ISO/IEC 60603-7 and FCC 47 Part 68

ELECTRICAL

Max voltage: 150 VAC (max)
Max current: 1.5A @ 77°F

COMMERCIAL STANDARDS

ISO/IEC 11801 2nd Ed Amd.1 Class EA,
IEC 60332-1, IEC 61034-2, IEC-60754-1,
EIA/TIA 568 D.2

ENVIRONMENTAL STANDARDS

RoHS compliant

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Ordering Information

Part No. Matrix - Substitute the correct code number or letter to determine the assembly construction

PCD - 028XX - XX

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│ │
└───┘
Patch Cord

┌───┐
│ │
└───┘
Series for
PVC C6

┌───┐
│ │
└───┘
Length (feet)
1ft to 65ft

┌───┐
│ │
└───┘
Color Code
OW = White
BK = Black
OH = Blue
OE = Gray
OJ = Green
OK = Yellow
ON = Orange
OP = Purple
OC = Red
PK = Pink

For example: To order a Locking Patch Cord PowerCat 6 U/UTP PVC 1ft length in Black, the part number would be PCD-02801-BK

***Standard stocked color: OH = Blue. All colors and lengths may be subject to availability, MOQs and variable pricing. ***

Order No.	SAP No.	Description
C6 CORD-KEY-BLUE	180190015	Set of 5 Key Kit for Locking Patch Cords - Blue

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