PowerMAX Yellow Cat.6 U/UTP T568B Patch Cord (PVC) - with Divider

DINTEK PowerMAX™ Cat.6 Patch Cords are specifically designed to support maximum performance for high speed data networks for 1000Mb and 10Gigabit Ethernet applications, and are fully tested to meet ANSI/TIA Cat.6 channel requirements.
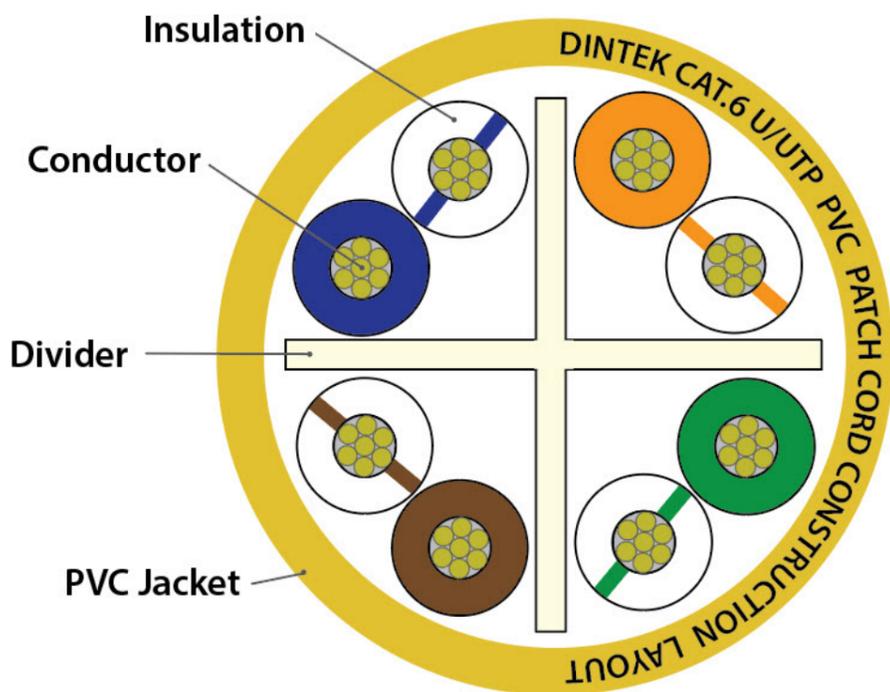
DINTEK PowerMAX™ patch cords are made from DINTEK's high-quality, unshielded four-pair 24AWG stranded patch cable, containing an internal PE cross member. The use of the internal PE cross member maintains consistent separation of pairs in order to maximize the throughput of data.

The patch cords are pre-terminated with RJ45 plugs and feature anti-snag strain relief boots. DINTEK recommends the entire range of PowerMAX™ UTP products be used in an end-to-end system to maximize cabling performance.

Features

- Molded boots prevent pin from bending and cables from kinking
- 24AWG stranded wire provides maximum flexibility
- Fully tested to meet ANSI/TIA-568-2.D Cat.6 requirement
- The various colors are available to meet TIA/EIA-606 standards
- The mechanical characteristics and transmission performance meet 16Mbps token Ring, 10Base-T, 100Base-T, 155Mbps, 622Mbps ATM, Gigabit-Ethernet and 1.2Gbps ATM requirements

Applications

- Patch panel to patch panel connections
- PC to information outlet connections
- Information outlet to telecommunications closet connections
- Equipment & DTE connections
- Voice; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 16Mbps Token Ring (IEEE802.5)
- 100VG-AnyLAN (IEEE802.12)
- 100BASE-T Ethernet (IEEE802.3)
- 155/622Mbps 1.2/2.4 Gbps ATM
- 1000Mbps Gigabit Ethernet
- 550MHz Broadband Video

Standards Conformance

- ETL Verified
- ANSI/TIA-568-2.D
- ISO/IEC 11801
- CENELEC EN 50173
- (UL) CM & CSA CMG

Ordering Information

Product Number	Product Name	Jacket Type	Color	Length	Connection Type
1201-04501	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Yellow	0.5m	T568B
1201-04208	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Yellow	0.1m	T568B
1201-04512	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Yellow	1.5m	T568B
1201-04214	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Yellow	2.0m	T568B
1201-04181	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Yellow	3.0m	T568B

1201-04221	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Yellow	5.0m	T568B
1201-04227	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Yellow	10m	T568B
1201-04283	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Yellow	20m	T568B

Technical Specifications

Cable Construction	
Conductor	
Material	Stranded Anneal Copper Wire
Wire Size	24AWG
Insulation	
Material	PE
Thickness	Nom. 0.59mm
Diameter	1.00 ± 0.03mm
Colors	Blue/White-Blue | Orange/White-Orange | Green/White-Green | Brown/White-Brown
Jacket	
Material	PVC, Flame Retardant CM Grade
Thickness	Nom. 0.59mm
Diameter	6.0 ±0.2mm
Jacket Colors	Gray | Blue | Yellow | Red | Green | Orange | Purple | Black | White
Flame rating	CM Style
Maximum Tensile Strength	1.05 kgf/mm2

RJ45 Plug	
Housing	Un-Shielded RJ45 Plug | Housing>Polycarbonate
Contact Material	Copper Alloy 50u" Gold Plated over Nickel
Strength	20lbs. min
Durability	750 cycles min.
Wiring schemes	T568B (Standard) - T568A on request
Boots	Molded boots prevent pin from bending and cables from kink

Electrical	
Impedance	93.8Ω ± 15 Ω
Capacitance unbalance pair to ground	max. 330pf/100m Max
Spark Test	2kV in Air
DC Insulation Resistance	500MΩ/100m min.
Resistance unbalance	3% MAX./100m
Dielectric Strength	AC-500V/1 Min

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1201-04XXX-YL