

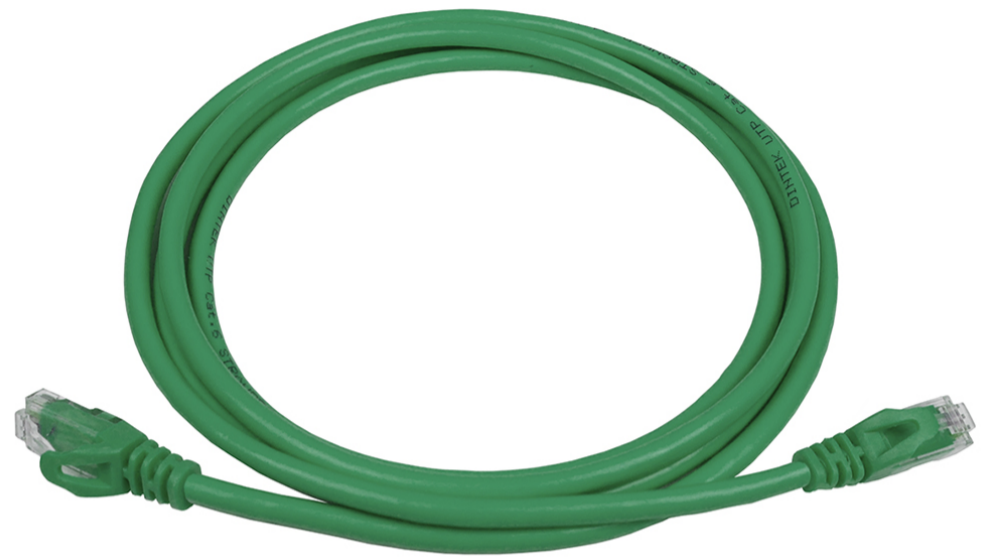
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PowerMAX Green Cat.6 U/UTP T568B Patch Cord (PVC) - with Divider

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.

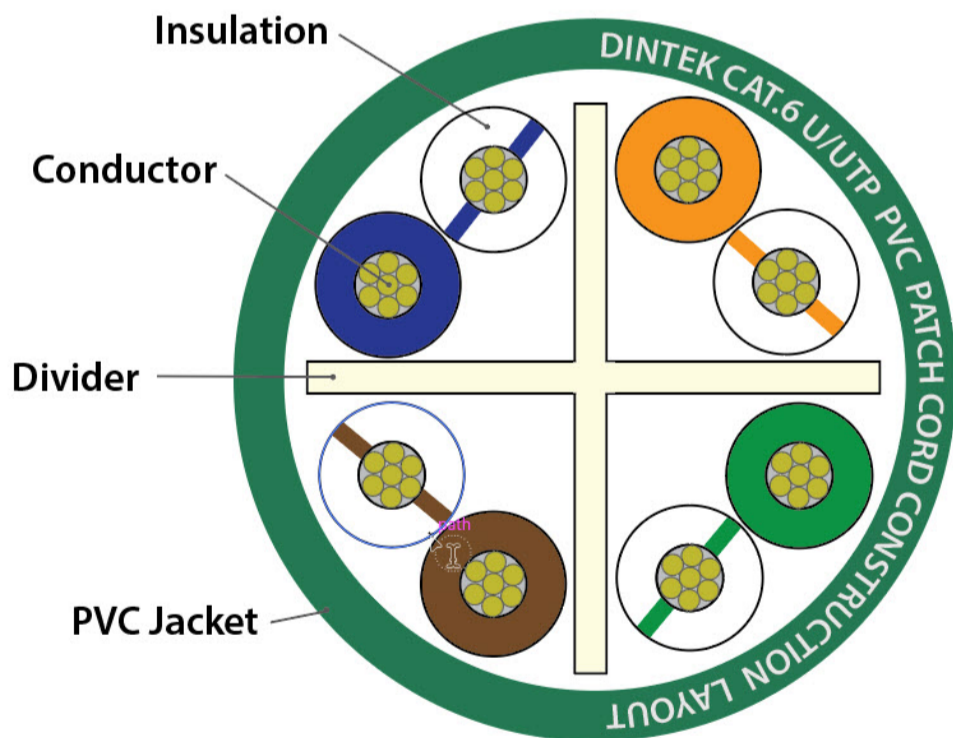
DINTEK PowerMAX™ Patch Cords are made from DINTEK's high-quality, unshielded four-pair 24AWG stranded patch cable, containing an internal PE cross member. The use of the internal PE cross member maintains consistent separation of pairs in order to maximize the throughput of data.

The patch cords are pre-terminated with RJ45 plugs and feature anti-sag 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
1201-04528	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Green	0.5m	T568B
1201-04210	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Green	1.0m	T568B
1201-04423	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Green	1.5m	T568B
1201-04216	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Green	2.0m	T568B
1201-04218	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Green	3.0m	T568B

1201-04223	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Green	5.0m	T568B
1201-04229	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Green	10m	T568B
1201-04285	PowerMAX Cat.6 U/UTP Patch Cord with Divider	PVC	Green	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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