

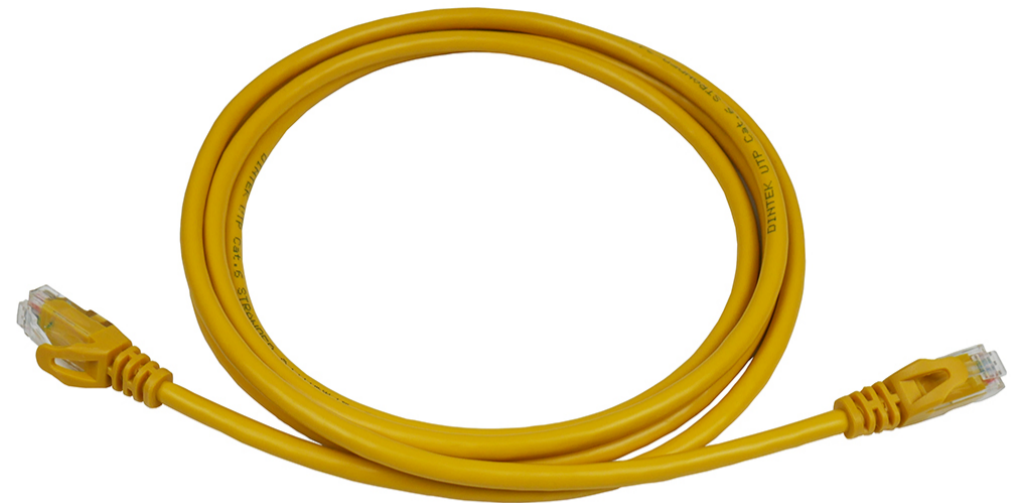
Publish Date: 11.08.2020 | Rev no: 10

PowerMAX Yellow Cat.6 U/UTP Component Level Patch Cord

DINTEK PowerMAX™ component level 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 maximise the throughput of data.

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



Features

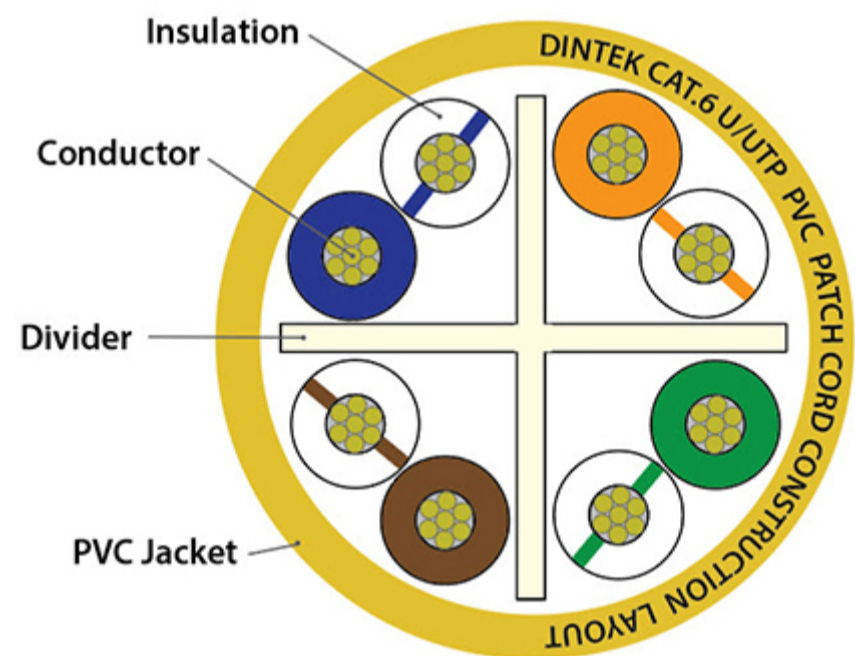
- Molded boots prevent pin from bending and cables from kinking
- 24AWG stranded wire provides maximum flexibility
- Brilliant colors make management a snap
- Fully tested to meet ANSI/TIA-568-2.D Cat.6 requirement
- The various colors are available to meet TIA/EIA-606 standards
- The mechanical characteristics 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 Qty	Level
1201-04501	Cat.6 U/UTP Patch Cord - T568B	PVC	Yellow	0.5m	Component Level
1201-04208	Cat.6 U/UTP Patch Cord - T568B	PVC	Yellow	0.1m	Component Level
1201-04512	Cat.6 U/UTP Patch Cord - T568B	PVC	Yellow	1.5m	Component Level
1201-04214	Cat.6 U/UTP Patch Cord - T568B	PVC	Yellow	2.0m	Component Level
1201-04181	Cat.6 U/UTP Patch Cord - T568B	PVC	Yellow	3.0m	Component Level
1201-04221	Cat.6 U/UTP Patch Cord - T568B	PVC	Yellow	5.0m	Component Level
1201-04227	Cat.6 U/UTP Patch Cord - T568B	PVC	Yellow	10m	Component Level
1201-04283	Cat.6 U/UTP Patch Cord - T568B	PVC	Yellow	20m	Component Level

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