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# PowerMAX+ 3mtr Cat.6A F/UTP Patch Cord - PVC

DINTEK PowerMAX+™ Foil Wrapped UTP Patch Cords, are key components of the PowerMAX+™ F/UTP end-to-end solution.

DINTEK PowerMAX+™ F/UTP Patch Cords are specifically designed to support high speed data networks for 10-Gigabit Ethernet applications, and are fully tested to meet ANSI/TIA-568.2-D Category 6A channel requirements. The patch cables are made from high quality shielded four pair 26AWG stranded wire.

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

### Applications

- 10GBASE-T Ethernet
- 100BASE-TX Fast Ethernet
- 1000BASE-TX Gigabit Ethernet
- 1000BASE-T Gigabit Ethernet
- 10BASE-TX Ethernet
- ATM CB1G
- 155/622 Mbps ATM
- 100 Mbps TP-PMD
- 100VG-AnyLAN
- 4/16 Mbps Token Ring
- Voice

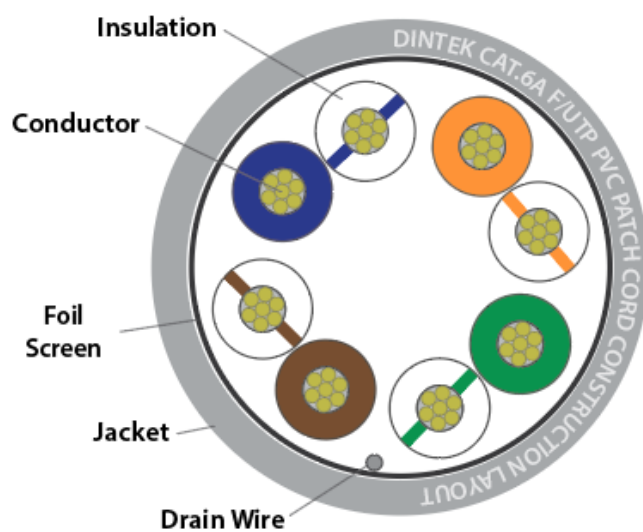


### Features

- Component Level Performance
- Molded boots prevent pin from bending and cables from kinking
- Stranded wire provides maximum flexibility
- Fully tested to meet ANSI/TIA-568.2-D category 6A requirement
- The mechanical characteristics and transmission performance meet
- 10GbaseT Ethernet, 16Mbps token Ring, 10Base-T, 100Base T, 155Mbps, 622Mbps ATM, Gigabit-Ethernet and 1.2Gbps ATM

### Standards Conformance

- UL Listed
- Meet Cat.6A channel performance for in ANSI/TIA-568.2-D
- CENELEC EN 50173-1, CENELEC EN 50288-10-1
- ISO/IEC 2nd Edition 11801 Class EA
- RoHS-6 Compliant



### Ordering Information

| Product Number | Product Name                                   | Jacket Type | Color | Length Qty |
|----------------|--|-------------|-------|------------|
| 1201-06003     | Cat.6A 4 Pair F/UTP Patch Cord Component Level | PVC         | Gray  | 3 m        |
| 1201-06001     | Cat.6A 4 Pair F/UTP Patch Cord Component Level | PVC         | Gray  | 1 m        |
| 1201-06002     | Cat.6A 4 Pair F/UTP Patch Cord Component Level | PVC         | Gray  | 2 m        |
| 1201-06005     | Cat.6A 4 Pair F/UTP Patch Cord Component Level | PVC         | Gray  | 5 m        |

## Technical Specifications

| Cable Construction                   |   |
|--------------------------------------|---|
| <b>Conductor</b>                     |   |
| Material                             | Stranded anneal copper wire   |
| Wire Size                            | 26AWG   |
| <b>Insulation</b>                    |   |
| Material                             | Polyolefin  |
| Diameter                             | 0.96±0.05mm   |
| Colors                               | Blue/White-Blue   Orange/White-Orange   Green/White-Green   Brown/White-Brown |
| Diameter of dielectric core          | P1&P3: 0.94±0.005mm<br>P2&P4: 0.92±0.005mm                                    |
| <b>Jacket</b>                        |   |
| Material                             | PVC   |
| Diameter                             | 6.0±0.15mm  |
| Color                                | Gray  |
| Shielding Material                   | Aluminum Mylar(Aluminum inward)   |
| Drain Wire                           | 26AWG Tinned Copper   |
| <b>RJ45 Plug</b>                     |   |
| Plug Type                            | Shielded RJ45 plug  |
| Contact Material                     | Copper alloy 50u" gold plated over nickel                                     |
| Strength                             | 20lbs. min  |
| Durability                           | 750 cycles min.   |
| Wiring schemes                       | T568B (or T568A on request)   |
| <b>Electrical</b>                    |   |
| Impedance                            | 15Ω/100m at 20°C  |
| Capacitance unbalance pair to ground | 330pf/100m Max  |
| D.C.R (Max.)                         | 14.8 ohm/100m at 20°C   |
| DC Insulation Resistance             | 1500MΩ/100m min.  |
| Resistance unbalance                 | 3% MAX./100m  |

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