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# PowerMAX LED Patch Panel

Identify network ports instantly with the PowerMAX™ LED 24 port patch panel. This panel is equipped with an LED indicator on each port.

No more cumbersome trial and error port searching with a tone generator and probe. Just connect the Signal Generator (sold separately as an option) to the wall plate. The LED indicator on patch panel instantly guides you to the corresponding port. The LED patch panel is a powerful port identification solution, especially when you are managing a large scale network.

The DINTEK PowerMAX™ LED Category 6 patch panels are designed to exceed ANSI/TIA-568-2.D performance specifications and support both T568A ad T568B wiring schemes. Combined with other DINTEK PowerMAX Products, they are the perfect solution to your voice and data communications needs.

## Features

- No need to shut down systems
- No need for special or additional wiring
- No need to unplug panel wiring
- Meets the ANSI/TIA-568.2-D / ISO/IEC 11801 and EN 50173-1
- Support T568A & B wiring and easy installation
- Writable and erasable marking surfaces for each port on the front
- Can accept 22-26 AWG solid and stranded cables
- Terminate with 110 or Krone tool
- Saving cost and time on port identification job and basic testing job
- Two LED status (Green/Red) for identifying online or offline (connected to switch or not).

## Applications

- 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

- ISO/IEC11801 2nd edition
- ANSI/TIA Standard 568-2.D
- CENELEC EN 50173
- UL Listed, ETL Verified

## Ordering Information

| Product Number | Product Name | Packing |
|---|---|---|
| 1402-04014 | PowerMAX™ 24 Port Unshielded Dual IDC LED Patch Panel | 10 Pieces Per Carton |
| 1402-04015 | PowerMAX™ 24 Port Shielded Dual IDC LED Patch Panel | 10 Pieces Per Carton |
| 6201-99003 | Signal Generator(Tester) | 1 each |

## Technical Specifications

### Construction

**Frame**

| | |
|---|---|
| **Material** | Cold Rolled Steel |
| **Type** | Plate: SPCC-SD 16G |

### Connectors

| | |
|---|---|
| **Contact Type** | Spring wire / contact blades |
| **Material** | Phosphor Bronze Alloy Plated with 50 micro-inch of Gold over 70~100 micro-inch of Nickel |

**Rear Terminals**

| | |
|---|---|
| **Terminal Type** | Dual IDC  (110/Krone) |
| **Material** | Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy |

### Physical Ranges

| | | |
|---|---|---|
| **Temperature Range** | | |
| | **Storage** | -40 to +70°C |
| | **Operational** | -10 to +60°C |
| **Relative humidity** | | |
| | **Operational** | Max. non-condensing 93% |
| **Retention** | | 7.7k min between the jack and plug. |
| **Insertion/Extraction life** | | 750 cycles minimum |
| **Number of IDC terminations** | | 200 minimum |
| **Total mating Force** | | 800gms for a 8 wire leads minimum |

### Electrical

| | |
|---|---|
| **Insulation Resistance between conductors** | 500 MegΩ min.@ 100V d.c |
| **Dielectric Withstanding Voltage** | 1000 V d.c. or a.c. Peak Contact to Contact @ 60 Hz for 1 MIN. |
| **Spring Wire Contact Resistance** | 20 mΩ Max. |
| **Voltage/Current Rating** | 1.5 AMPS at 20°C |
| **IDC Contact Resistance** | 2.5 mΩ Max |



Green light indicates the port is off-line.



Red light indicates the port is connected to the network switch(on-line).



No light indicates cabling or termination failure.



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