

Publish Date : 28.07.2019 | Rev no: 02

# PowerMAX+ 1mtr Cat.6A F/UTP Patch Cord - LSZH

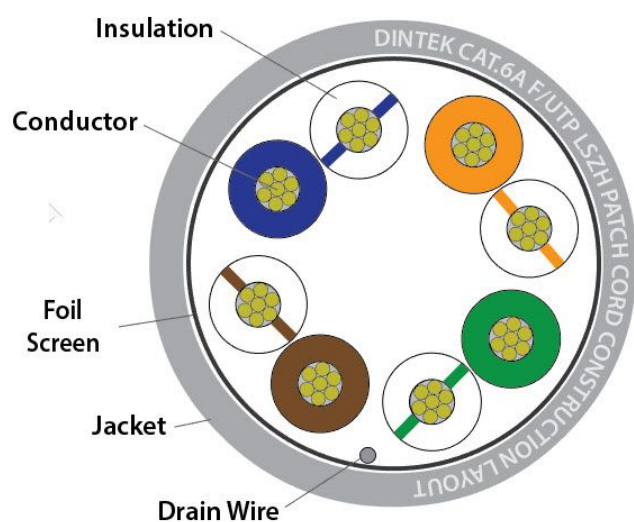
DINTEK PowerMAX+™ Foil Wrapped UTP Patch Cords, are key components of the PowerMAX+™ F/UTP end-to-end solution.

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
1201-06091	Cat.6A 4 Pair F/UTP Patch Cord Component Level	LSZH	Gray	1 m
1201-06092	Cat.6A 4 Pair F/UTP Patch Cord Component Level	LSZH	Gray	2 m
1201-06093	Cat.6A 4 Pair F/UTP Patch Cord Component Level	LSZH	Gray	3 m
1201-06095	Cat.6A 4 Pair F/UTP Patch Cord Component Level	LSZH	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 P2&P4: 0.92±0.005mm
<b>Jacket</b>	
Material	LSZH
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

### DINTEK Electronic Limited

5F., No.8, Ln. 97, Wugong Rd.  
Xinzhuang Dist., New Taipei City 242  
Taiwan (R.O.C.)

P: Office: +886-2-22997898 E-mail: sales@dintek.com.tw W: www.dintek.com.tw

1201-06091