

Publish Date: 24.05.2021 | Rev no: 74

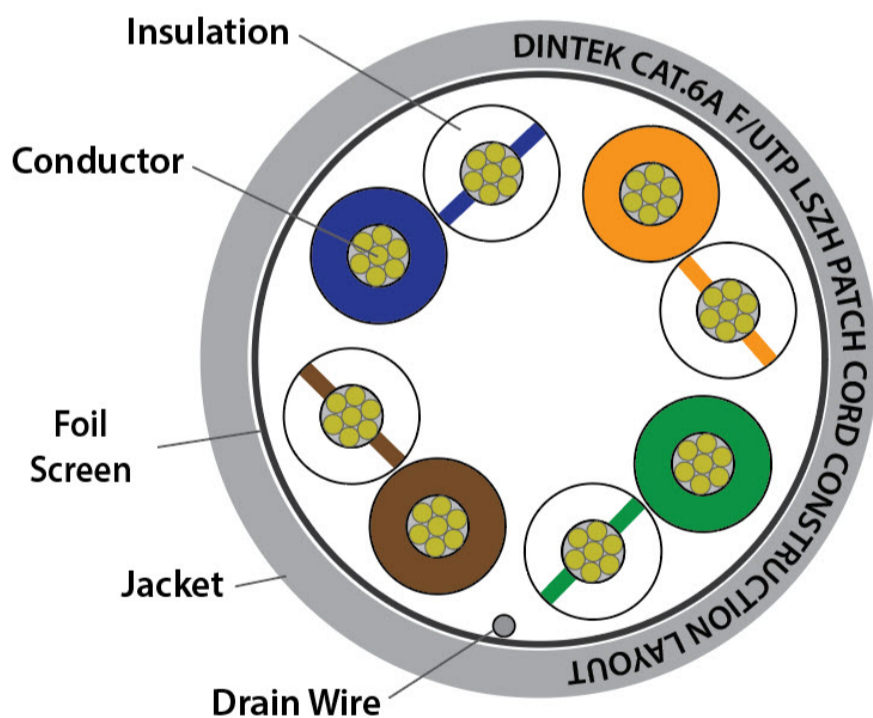
## PowerMAX+ Cat.6A F/UTP Patch Cord - LSZH

DINTEK PowerMAX+™ Shielded Foil Wrapped UTP Patch Cords are key components of the PowerMAX+™ F/UTP end-to-end solution. They 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 Cat.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 an 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 Cat.6A requirements
- The mechanical characteristics and transmission performance meet 10GbaseT Ethernet, 16Mbps token Ring, 10Base-T, 100BaseT, 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	Qty / CTN
1201-06091	Cat.6A 4 Pair F/UTP Patch Cord Component Level	LSZH	Gray	1 m	70
1201-06092	Cat.6A 4 Pair F/UTP Patch Cord Component Level	LSZH	Gray	2 m	50
1201-06093	Cat.6A 4 Pair F/UTP Patch Cord Component Level	LSZH	Gray	3 m	40
1201-06095	Cat.6A 4 Pair F/UTP Patch Cord Component Level	LSZH	Gray	5 m	30

## Technical Specifications

### Cable Construction

#### Conductor

<b>Material</b>	Stranded Anneal Copper Wire
<b>Wire Size</b>	26AWG

#### Insulation

<b>Material</b>	Polyolefin
<b>Diameter</b>	0.96±0.05mm
<b>Colors</b>	Blue/White-Blue   Orange/White-Orange   Green/White-Green   Brown/White-Brown
<b>Diameter of Dielectric Core</b>	P1&P3: 0.94±0.005mm   P2&P4: 0.92±0.005mm

#### Jacket

<b>Material</b>	LSZH
<b>Diameter</b>	6.0 ±0.2mm
<b>Colors</b>	Gray
<b>Shielding Material</b>	Aluminum Mylar (Aluminum inward)
<b>Drain Wire</b>	26AWG Tinned Copper

### RJ45 Plug

<b>Plug Type</b>	Shielded RJ45 plug
<b>Contact Material</b>	Copper alloy 50u" gold plated over nickel
<b>Strength</b>	20lbs. min
<b>Durability</b>	750 cycles min.
<b>Wiring schemes</b>	T568B (or T568A on request)

### Electrical

<b>Impedance</b>	15Ω/100m at 20°C
<b>Capacitance Unbalance Pair to Ground</b>	330pf/100m Max
<b>D.C.R (Max.)</b>	14.8 ohm/100m at 20°C
<b>DC Insulation Resistance</b>	1500MΩ/100m min.
<b>Resistance Unbalance</b>	3% MAX./100m

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