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PowerMAX+ Cat.6A S/FTP Patch Cord - LSZH

DINTEK PowerMAX+™ Shielded Foil Wrapped UTP Patch Cords are key components of the PowerMAX+™ S/FTP 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.

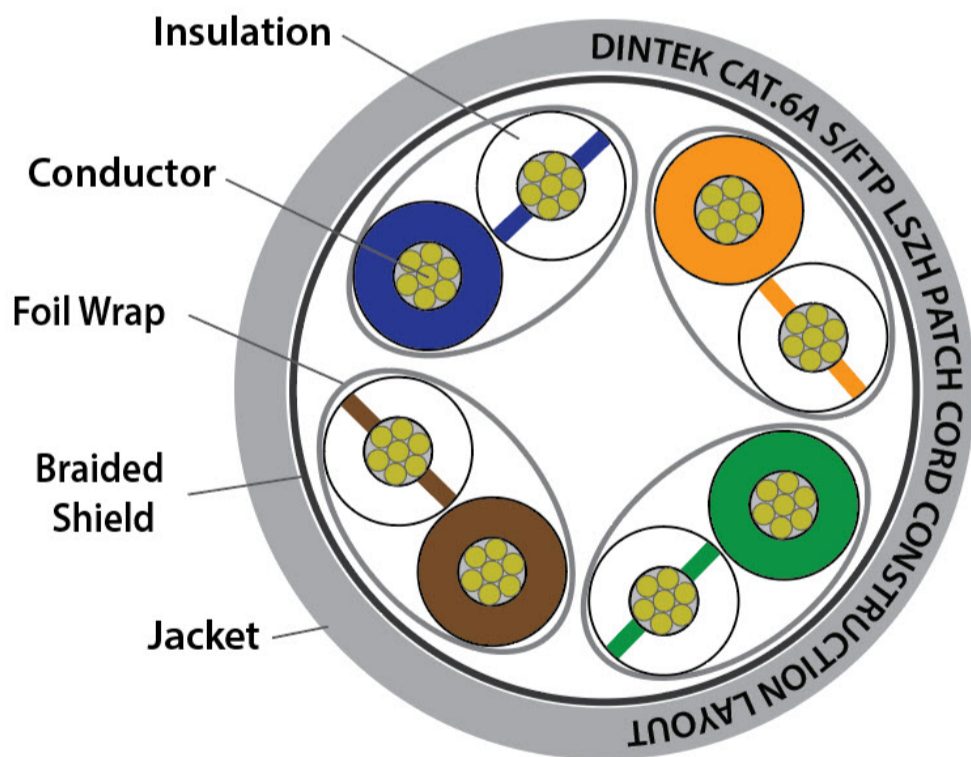
Applications

- 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 Compliant

Ordering Information

Product Number	Product Name	Jacket Type	Color	Length Qty	Qty / CTN
1201-06096	Cat.6A 4 Pair S/FTP Patch Cord Component Level	LSZH	Gray	1 m	70
1201-06097	Cat.6A 4 Pair S/FTP Patch Cord Component Level	LSZH	Gray	2 m	70
1201-06098	Cat.6A 4 Pair S/FTP Patch Cord Component Level	LSZH	Gray	3 m	70
1201-06099	Cat.6A 4 Pair S/FTP Patch Cord Component Level	LSZH	Gray	5 m	70

Technical Specifications

Cable Construction

Conductor	
Material	Stranded Anneal Copper Wire
Wire Size	26AWG
Insulation	
Material	Foam-PE
Diameter	1.05±0.05mm
Colors	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown
Jacket	
Material	LSZH
Diameter	6.0 ±0.2mm
Colors	Gray
Foil Material	Aluminum Mylar (Aluminum inward) per pair
Foil Coverage	100% coverage with 25% overlapping
Shielding Material	Tinned Copper braid
Shielding Coverage	Tinned Copper braid

RJ45 Plug

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)

Electrical

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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