

DATA SHEET 1201-06097

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PowerMAX+ 2mtr Cat.6A S/FTP Patch Cord - LSZH

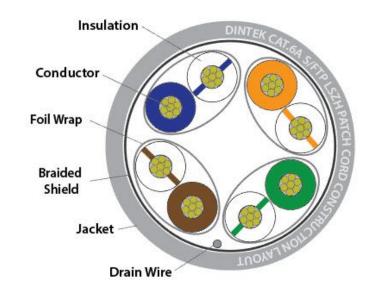
DINTEK PowerMAX+™ Shielded Foil Wrapped UTP Patch Cords, are key components of the PowerMAX+™ S/FTP end-to-end solution.

DINTEK PowerMAX+™ S/FTP 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-snag 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
1201-06097	Cat.6A 4 Pair S/FTP Patch Cord Component Level	LSZH	Gray	2 m
1201-06096	Cat.6A 4 Pair S/FTP Patch Cord Component Level	LSZH	Gray	1 m
1201-06098	Cat.6A 4 Pair S/FTP Patch Cord Component Level	LSZH	Gray	3 m
1201-06099	Cat.6A 4 Pair S/FTP Patch Cord Component Level	LSZH	Gray	5 m



Technical Specifications

Conductor Material Stranded anneal copper wire Wire Size 26AWG Insulation Material Foam-PE Diameter 1.05±0.05mm Colors BlueWhite-Blue OrangeWhite-Orange Green/White-Green Brown/White-Brown Drain Wire 26AWG Tinned Copper Jacket Material LSZH Diameter 6.0±0.2mm Color Gray Foil Material Aluminum Mytar(Aluminum inward) por pair Foil Coverage 100% coverage with 25% overlapping Shielding Material Tinned Copper braid Shielding Coverage 16/6/0.10(±0.008)mm. Min. 60% coverage R.145 Plug Plug Type Shielded R.145 plug Contact Material Copper alloy 500° gold plated over nickel Strength 200s. min Durability 750 cycles min. Wiring schemes 1504/100m at 20°C Capacitance unbalance 1500Md/100m Max D.C.R (Max.) 14.8 ohm/100m at 20°C Chack Insulance 1500Md/100m min. Resistance unbalance 1500Md/100m min.	Cable Construction	
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 Drain Wire 26AWG Tinned Copper Jacket Material LSZH Diameter 6.0±0.2mm Color Gray Color Gray Foil Material Aluminum Mylar (Aluminum inward) per pair Foil Coverage 100% coverage with 25% overlapping Shielding Material Tinned Copper braid Shielding Coverage 16/60.10(±0.008)mm, Min. 60% coverage RJ45 Plug Plug Type Shielded RJ45 plug Contact Material Copper alloy 50u* gold plated over nickel Strength 20lbs. min Durability 750 cyclos min. Wiring schemes 1560/100m at 20°C Linguitation Resistance 1500MΩ/100m min.	Conductor	
Foam-PE	Material	Stranded anneal copper wire
Material Foam-PE Diameter 1.05±0.05mm Colors Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown Drain Wire 26AWG Tinned Copper	Wire Size	26AWG
Diameter 1.05±0.05mm Colors	Insulation	
Colors Blue/White-Blue Orange/White-Grange Green/White-Green Brown/White-Brown	Material	Foam-PE
Drain Wire 26AWG Tinned Copper	Diameter	1.05±0.05mm
Material LSZH	Colors	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown
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Contact MaterialCopper alloy 50u" gold plated over nickelStrength20lbs. minDurability750 cycles min.Wiring schemesT568B (or T568A on request)ElectricalImpedance15Ω/100m at 20°CCapacitance unbalance pair to ground330pf/100m MaxD.C.R (Max.)14.8 ohm/100m at 20°CDC Insulation Resistance1500MΩ/100m min.		
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Wiring schemesT568B (or T568A on request)Electrical15Ω/100m at 20°CImpedance15Ω/100m MaxCapacitance unbalance pair to ground330pf/100m MaxD.C.R (Max.)14.8 ohm/100m at 20°CDC Insulation Resistance1500MΩ/100m min.	Strength	20lbs. min
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.	Durability	750 cycles min.
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D.C.R (Max.)14.8 ohm/100m at 20°CDC Insulation Resistance1500MΩ/100m min.	Impedance	15Ω/100m at 20°C
DC Insulation Resistance 1500MΩ/100m min.	Capacitance unbalance pair to ground	330pf/100m Max
	D.C.R (Max.)	14.8 ohm/100m at 20°C
Resistance unbalance 3% MAX./100m	DC Insulation Resistance	1500MΩ/100m min.
	Resistance unbalance	3% MAX./100m

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