

DATA SHEET 1201-06036

Publish Date: 28.07.2019 | Rev no: 01

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

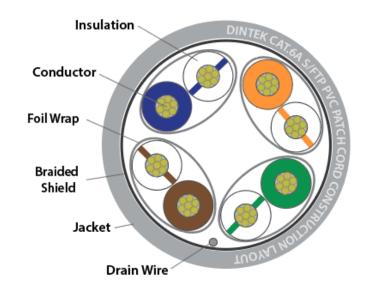
DINTEK PowerMAX+™ Shielded Foil Wrapped UTP Patch Cords, are key components of the PowerMAX+™ S/FTP end-to-end solution.

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
1201-06036	Cat.6A 4 Pair S/FTP Patch Cord Component Level	PVC	Gray	2 m
1201-06033	Cat.6A 4 Pair S/FTP Patch Cord Component Level	PVC	Gray	1 m
1201-06034	Cat.6A 4 Pair S/FTP Patch Cord Component Level	PVC	Gray	3 m
1201-06035	Cat.6A 4 Pair S/FTP Patch Cord Component Level	PVC	Gray	5 m



Technical Specifications

Conductor Material Stranded anneal copper wire Wire Size 26AWG Insulation Material Foam-PE Diameter 1.0.5±0.05mm Colors Blus/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown Drain Wire 26AWG Tinned Copper Jacket Material PVC Diameter 6.0.8±0.2mm Color Gray Foil Material Aluminum Mylar (Aluminum inward) per pair Foil Coverage 100% coverage with 25% overlapping Shielding Material Tinned Copper traid Shielding Coverage 166(8).0.10(40.008)mm, Min. 60% coverage R.145 Plug Plug Type Shielded R.145 plug Contact Material Copper alloy 500° gold plated over nickel Strength 20lbs. min Durability 750 cycles min. Wiring schemes 156(8) (or 1568A on request) Electrical Impedance 150(100m Max) 14 A ohm 100m at 20°C Capacitance unbalance a 150(100m Min. 60%) 100 MX/100m Resistance unbalance 3% MX/100m	Cable Construction			
New Size 26AWG Insulation Soam-PE Diameter 1.05±0.05mm Colors Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown Drain Wire 26AWG Tinned Copper Soam-PE Diameter 6.0±0.2mm Color Gray Green/White-Green Brown/White-Brown Green/White-Green Green/White-Brown Green/White-Brown Green/White-Brown Green/White-Brown Green/White-Brown Green/White-Green Green/White-Green Green/White-Green Green/White-Green Green/White-Green Green/Whi	Conductor			
Insulation Material Foam-PE Diameter 1.05±0.05mm Colors Blue/Mhite-Blue Orange/White-Orange Green/White-Green Brown/White-Brown Drain Wire 26AWG Tinned Copper Jacket PVC Diameter 5.0±0.2mm Color Gray Gray	Material	Stranded anneal copper wire		
Material Foam-PE	Wire Size	26AWG		
Diameter	Insulation			
Colors Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown	Material	Foam-PE		
Drain Wire 26AWG Tinned Copper	Diameter	1.05±0.05mm		
Material	Colors	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown		
Material PVC Diameter 6.0±0.2mm Color Gray Foll Material Aluminum Mylar(Aluminum inward) per 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 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	Drain Wire	26AWG Tinned Copper		
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D.C.R (Max.) 14.8 ohm/100m at 20°C DC Insulation Resistance 1500MΩ/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	1500M Ω /100m min.		
	Resistance unbalance	3% MAX./100m		

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Publish Date: 28.07.2019 | Rev no: 01