

## 4 Pair U/UTP Cable

### Application:

- 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
- Power over Ethernet PoE+ /4PPoE

### Industry Standard:

- ISO/IEC61156-5 2nd edition
- ANSI/TIA-568-C.2
- DELTA Certified for Category 6A U/UTP Horizontal Cable

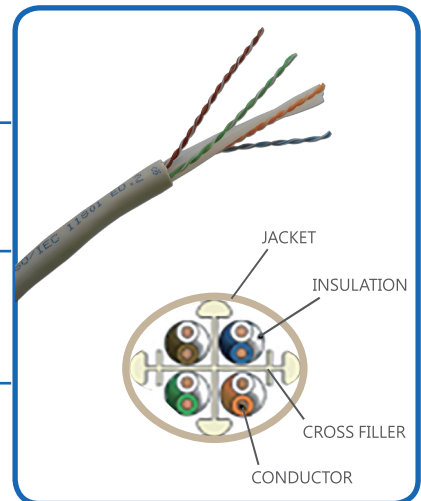
### Cable Data:

- No. of Pairs:4
- Jacket Color:Gray
- Insulation material: HDPE
- Nom.O.D.:7.8\*9.1±0.3mm
- Flame Rating:CM
- Transmission quality verified up to 500MHz
- Bulk Package: 305m/Reel
- Box Package: 305m/Reel-in-Box

### Product Electrical Characteristics:

- Impedance:100±15 ohms(1~500MHz)
- Mutual Capacitance, max. nf/ 100m: 5.6
- DC Resistance, max. Ohms/ 100m: 9.38
- Capacitance, unbalance (Max.): 160 pF/100m

P/N	Description	Jacket	Color	Std Pkg Qty
1101-06003	Cat.6A, 4P, U/UTP 23AWG, Solid	PVC	Gray	305M/Reel
1101-06005	Cat.6A, 4P, U/UTP 23AWG, Solid	PVC	Gray	305M Reel-in-Box
1101-06007	Cat.6A, 4P, U/UTP 23AWG, Solid	LSZH	Violet	305M/Reel
1101-06008	Cat.6A, 4P, U/UTP 23AWG, Solid	LSZH	Violet	305M Reel-in-Box



→ Other colors are available upon request.

Frequency (MHz)	Attenuation Max. dB/100m	NEXT dB/100m	Power Sum Minimum dB/100m
1	2.1	74.3	72.3
10	5.9	59.3	57.3
100	19.1	44.3	42.3
200	27.6	39.8	37.8
250	31.1	38.3	36.3
300	34.3	37.1	35.1
400	40.1	35.3	33.3
500	45.3	33.8	31.8

## F/UTP Patch Cord

### Application:

- Voice; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 16Mbps Token Ring (IEEE802.5)
- 100VG-AnyLAN (IEEE802.12)
- 100Base-T Ethernet(IEEE 802.3u)
- 155/622 Mbps 1.2/ 2.4 Gbps ATM
- 1000Mbps Gigabit Ethernet
- 550 MHz Broadband video

### Product Description:

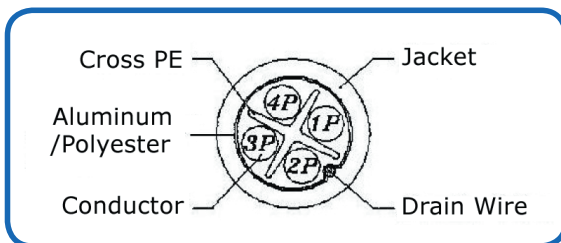
- 100% tested to meet ANSI/TIA-568-C.2 Cat.6A requirements
- Material of jacket: LSZH
- Flame Rating: CM
- Conductor: 26AWG(7x0.16mm) Stranded anneal copper wire
- Shielded RJ45 plug, 50u" gold plated over nickel
- Durability: 750 cycles min.
- Wiring: T568B

### Industry Standard:

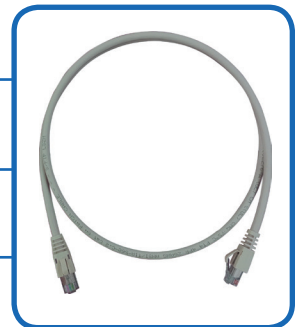
- UL Listed
- Meet ANSI/TIA-568-C.2 Cat.6A patch cable& component-level performance.

### Electrical Characteristics(20°C):

- Impedance: 100±15 ohms
- Max. Conductor DC resistance: 128 Ohms/km
- Min. Insulation resistance: 100MΩ/km
- Dielectric Strength: AC-500V/1 Min



P/N	Description	Length(M)	Color	Std Ctn Qty
1201-06091	Cat.6A 4 pair F/UTP patch cord, LSZH Component level	1	Gray	150
1201-06092	Cat.6A 4 pair F/UTP patch cord, LSZH Component level	2	Gray	100
1201-06093	Cat.6A 4 pair F/UTP patch cord, LSZH Component level	3	Gray	80
1201-06095	Cat.6A 4 pair F/UTP patch cord, LSZH Component level	5	Gray	50



→ Please contact us for any customized requirements.

## 19" CAT.6A UTP Tray Patch Panel

### Features:

- Designed to be quick and easy to install and terminate
- Compatible with CAT.6A component performance (ANSI/TIA-568-C.2)

### Physical:

- 110 type IDC termination
- Housing: High-impact, FLAME-RETARDANT plastic, UL94V-0 rated, spring wire/contact blades.
- Contact material: Phosphor bronze alloy
- Contact plating: 50u" gold plated over 100u"nickel.
- Wiring: T568A/B

### Industry Standard:



- Meet all requirement specified in connecting hardware requirement of ISO/IEC 11801, Category 6A
- IEC 60603-7-51
- ANSI/TIA-568-C.2, Category 6A
- UL 1863 safety listed
- ETL verified
- UL 94V-0 flammability standard

### Mechanical:

- Insertion / Extraction Life:750 Cycles Min.
- Accept 22~24AWG, stranded or solid wire

### Electrical:

- Insulation resistance: 500Mega-ohms min.
- Contact resistance:20 milli-ohms max.
- Dielectric with standing voltage: 1000V, RMS, 60Hz, 1min.

P/N	Description	Std Pkg Qty
1406-05002	Cat.6A 19" UTP Tray patch panel 24 ports, 1U size	1
		
1406-05004	Cat.6A 19" UTP Tray patch panel High Density 48 ports, 1U size	1
		

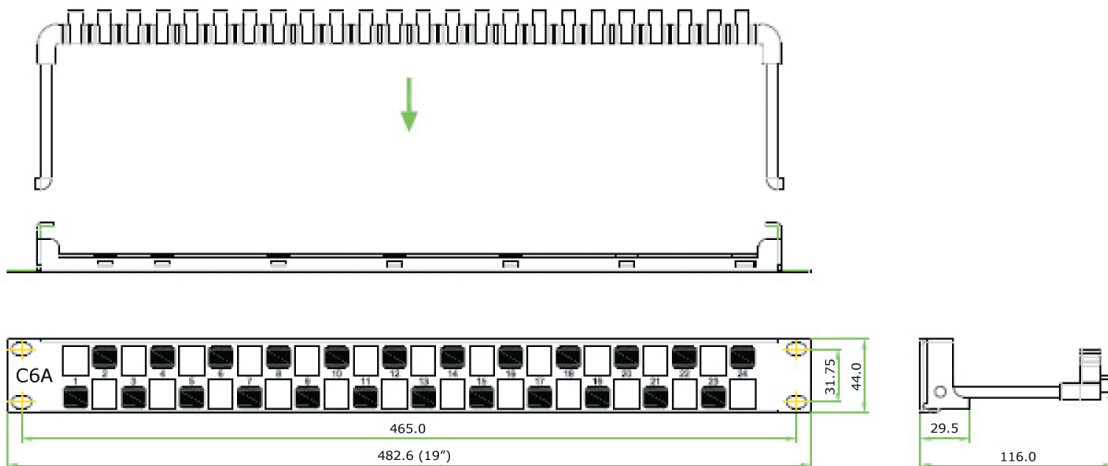
## 19" CAT.6A UTP Snap-in type Blank panel

### Application:

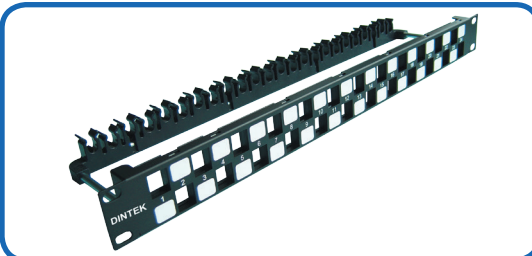
- Compatible with DINTEK 10G UTP Keystone jack

### Physical:

- PLATE:SPCC-SPCC 16G
- UTP Snap-in type
- Printed port number and white writing labeling
- Rotatable cable manager
- Stagger port positioned design to reduce Alien cross talk



P/N	Description	Std Ctn Qty
1406-00011	Patch panel.19" rack mount for Cat.6A.UTP.Snap-in type. rotatable cable manager 1U 24P metal black.	12



## E/F Jacks

### Industry Standard:

- UL Listed
- Meet all requirements in connecting hardware requirement of ANSI/TIA-568-C.2 Cat.6A

### Physical:

- Multi use E/F Jacks can be used in E/F Tools and also punch down tool
- Jack wiring: Phosphor Bronze plated with 50u" gold over 100 u" nickel
- IDC: Phosphor Bronze plated with 100u" Sn Alloy
- Housing: High impact flame retardant plastic UL94V-0 rated

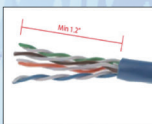





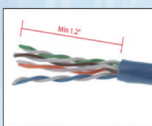
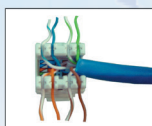

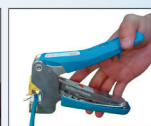


### Mechanical:



- Plug insertion life: 750 cycle min.
- IDC connector accepts 22-24 AWG solid wire

### Electrical:

- Current rating: 1.5 Amps
- Insulation resistance: 500 Mega-ohms min.
- Contact resistance: 20 milli-ohms max.
- Dielectric with standing voltage: 1000V, RMS, 60Hz, 1min.
- Transmission quality verified up to 500MHz

### AS LITTLE AS 43 SECONDS FROM START TO FINISH !

00:05	00:37	00:39	00:40	00:41	00:43	<p style="color: blue; font-weight: bold;">- TERMINATE</p> <p style="color: blue; font-weight: bold;">- CRIMP</p> <p style="color: blue; font-weight: bold;">- CUT</p> <p style="color: blue; font-weight: bold;">- DONE !</p>
						
						

P/N	Description	Std Pkg Qty	Std Ctn Qty	
1305-05008	Cat.6A horizontal type Keystone E-Jack, T568A/ B, white Component level	100	600	
6103-01005	E-Tool, for horizontal type Keystone E-Jacks	15	30	
1305-05009	Cat.6A vertical type Keystone F-Jack, T568A/ B, white Component level	100	600	
1305-05020	Cat.6A vertical type Keystone F-Jack with shutter, T568A/ B white, Component level	100	600	
6103-01006	F-Tool, for vertical type Keystone F-Jacks	15	30	

## Keystone Jack

### Application:

- Voice; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 16Mbps Token Ring (IEEE802.5)
- 100VG-AnyLAN (IEEE802.12)
- 100Base-T Ethernet(IEEE 802.3u)
- 155/622 Mbps 1.2/ 2.4 Gbps ATM
- 1000Mbps Gigabit Ethernet
- 550 MHz Broadband video

### Physical:

- UTP 90° High density
- 110 type IDC termination
- Accept 22~24AWG, stranded or solid wire
- Metalized cap design to reduce Alien cross talk
- Comply with FCC part 68 Subpart F and IEC 60603-7
- Housing: High-impact, FLAME-RETARDANT plastic, UL94V-0 rated, spring wire/contact blades.
- Contact material: Phosphor bronze alloy
- Contact plating: 50u" gold plated over 100u"nickel.
- Wiring: T568A/B

### Industry Standard:

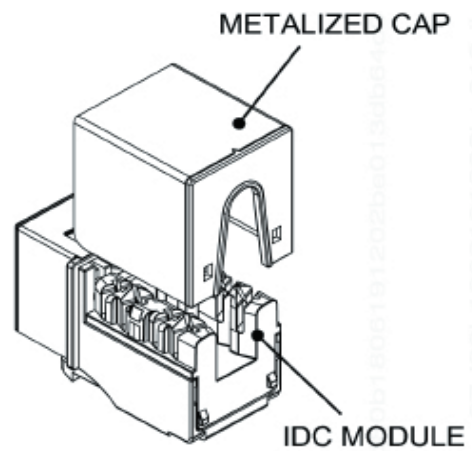
- UL Listed
- Meets IEEE 802.3 ab Specification
- 3P Certified for Category 6A Screened Four Connector Channel

### Mechanical:

- Plug insertion life:750 cycle min.
- Plug retention force:50N for 60sec.

### Electrical:

- Current rating:1.5 Amps
- Insulation resistance: 500Mega-ohms min.
- Contact resistance:20 milli-ohms max.
- Dielectric with standing voltage: 1000V, RMS, 60Hz, 1min.
- Transmission quality verified up to 500MHz

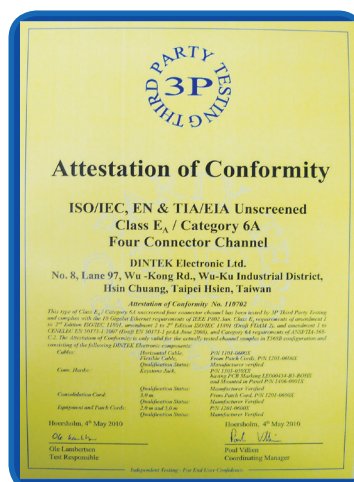


P/N	Description	Std Pkg Qty	Std Ctn Qty
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1305-05001	Cat.6A horizontal type Keystone Jack, T568A/ B	100	600
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## 3P Verified - ISO/IEC, EN& TIA/EIA Unscreened Class E /Category 6A Four Connector Channel





## 4 Pair S/FTP & U/FTP Cable

### Application:

- 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
- Power over Ethernet PoE+/4PPoE

### Industry Standard:

- UL/cUL Listed
- ISO/IEC61156-5 2nd edition
- ANSI/TIA-568-C.2
- 3P Certified for Category 6A Screened Four Connector Channel

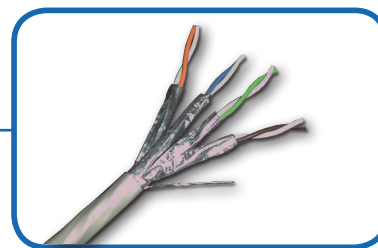
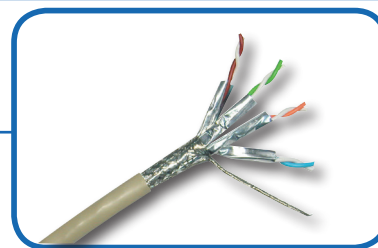
### Cable Data:

- No. of Pairs:4
- Individual Shielding: A layer of aluminum-foil laminated tape will be wrapped over the twinning, the aluminum side face-out.
- Overall Shielding: Tinned copper wire Braiding, normal with min. 40% coverage.
- Material of jacket: PVC/LSZH
- Nom.O.D.:Ave 7.4±0.3mm
- Flame Rating:CM
- Transmission quality verified up to 500MHz
- Bulk Package: 305m/reel

### Product Electrical Characteristics:

- Impedance:125 ohms±20%(64KHz)  
100 ohms±15%(1~500MHz)
- Mutual Capacitance, max. nf/ 100m: 5.6
- Capacitance, unbalance (Max.): 330 pF/100m
- DC Insulation Resistance (Min.): 150M ohm/km
- Dielectric Strength: 2500 Vdc / 3 seconds

P/N	Description	Jacket	Color	Std Pkg Qty
1105-06001	Cat.6A 4P S/FTP with braiding 23AWG solid cable	PVC	Gray	305M/Reel
1105-06011	Cat.6A 4P S/FTP with braiding 23AWG solid cable	LSZH	Violet	305M/Reel
1105-06003	Cat.6A 4P U/FTP w/o braiding 23AWG solid cable	PVC	Gray	305M/Reel
1105-06021	Cat.6A 4P U/FTP w/o braiding 23AWG solid cable	LSZH	Violet	305M/Reel



→ Other colors are available upon request.

Frequency (MHz)	Attenuation Max. dB/100m	NEXT dB/100m	Power Sum Minimum dB/100m
1	2.1	74.3	72.3
10	5.9	59.3	57.3
100	19.1	44.3	42.3
200	27.6	39.8	37.8
250	31.1	38.3	36.3
300	34.3	37.1	35.1
400	40.1	35.3	33.3
500	45.3	33.8	31.8

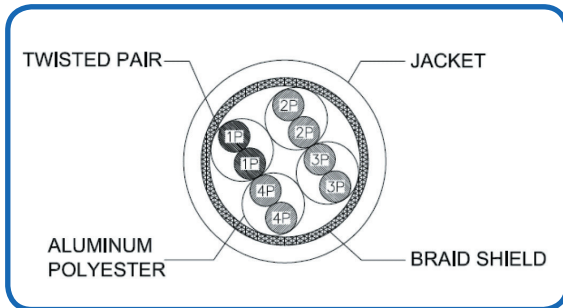
## S/FTP Patch Cord

### Application:

- Voice; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 16Mbps Token Ring (IEEE802.5)
- 100VG-AnyLAN (IEEE802.12)
- 100Base-T Ethernet(IEEE 802.3u)
- 155/622 Mbps 1.2/ 2.4 Gbps ATM
- 1000Mbps Gigabit Ethernet
- 550 MHz Broadband video

### Industry Standard:

- UL Listed
- Meet ANSI/TIA-568-C.2 Cat.6A patch cable& component-level performance.

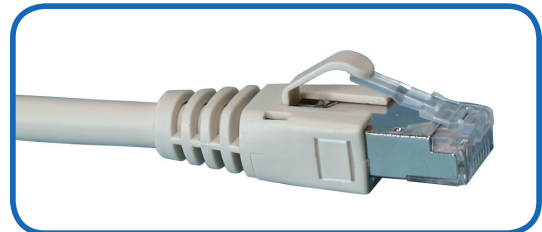


### Product Description:

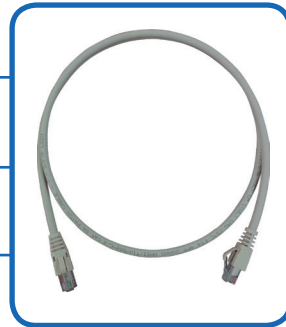
- 100% tested to meet ANSI/TIA-568-C.2 Cat.6A requirements
- Individual Shielding: Aluminum/Polyester
- Overall Shielding: Tinned copper wire Braiding
- Material of jacket: LSZH
- Flame Rating: CM
- Conductor: 26AWG(7x0.16mm) Stranded anneal copper wire
- Shielded RJ45 plug, 50u" gold plated over nickel
- Durability: 750 cycles min.
- Wiring: T568B

### Product Electrical Characteristics:

- Impedance: 100±15 ohms
- Max. Conductor DC resistance: 128 Ohms/km
- Min. Insulation resistance: 100MΩ/km
- Dielectric Strength: AC-500V/1 Min



P/N	Description	Length(M)	Color	Std Ctn Qty
1201-06096	Cat.6A 4 pair S/FTP patch cord, LSZH Component level	1	Gray	150
1201-06097	Cat.6A 4 pair S/FTP patch cord, LSZH Component level	2	Gray	100
1201-06098	Cat.6A 4 pair S/FTP patch cord, LSZH Component level	3	Gray	80
1201-06099	Cat.6A 4 pair S/FTP patch cord, LSZH Component level	5	Gray	50



- Please contact us for any customized requirements.



## 19" CAT.6A FTP Tray Patch Panel

### Features:

- Designed to be quick and easy to install and terminate
- Compatible with CAT.6A component performance (ANSI/TIA-568-C.2)

### Physical:

- Shell: Zinc alloy full shielded.
- 110 type IDC termination
- Housing: High-impact, FLAME-RETARDANT plastic, UL94V-0 rated, spring wire/contact blades.
- Contact material: Phosphor bronze alloy
- Contact plating: 50u" gold plated over 100u"nickel.
- Wiring: T568A/B

### Industry Standard:

- Meet all requirement specified in connecting hardware requirement of ISO/IEC 11801, Category 6A
- IEC 60603-7-51
- ANSI/TIA-568-C.2, Category 6A
- UL 1863 safety listed
- ETL verified
- UL 94V-0 flammability standard

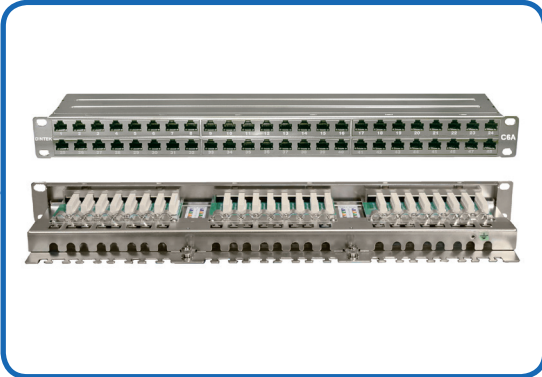
### Mechanical:

- Insertion / Extraction Life:750 Cycles Min.
- Accept 22~24AWG, stranded or solid wire

### Electrical:

- Insulation resistance: 500Mega-ohms min.
- Contact resistance:20 milli-ohms max.
- Dielectric with standing voltage: 1000V, RMS, 60Hz, 1min.

P/N	Description	Std Pkg Qty
1406-05003	19" Cat.6A FTP Tray patch panel 24P metal, 1U size	1
1406-05005	19" Cat.6A FTP Tray patch panel High Density 48P metal, 1U size	1



## ezi-PANEL™

DINTEK's ezi-PANEL products offer a flexible high performance, modular system which is ideally suited to Data Centre environments and general office/commercial networks. These products allow for faster installation of backbone cabling links. Our ezi-PANEL products are ideally suited to the data centre where between distribution racks and equipment racks need to be quickly and efficiently installed.

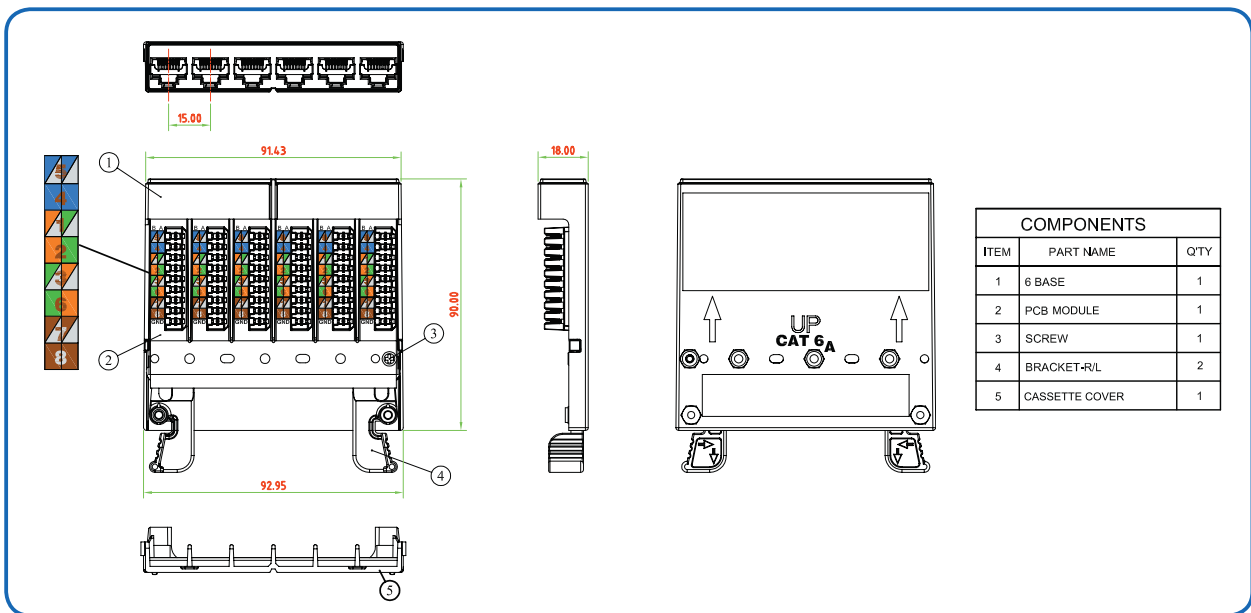
### Feature:

- Pre-terminated and tested in facility
- Faster & Easier installation on field
- High density design



### Industry Standard:

- Meets ISO/IEC 11801 & ANSI/TIA-568-C.2 standards
- FTP solution : Compatible with ISO/IEC 11801 & ANSI/TIA-568-C.2 CAT 6A component performance



P/N	Description	Std Pkg Qty
1310-03001	Cat.6A 6 Port Cassette Fully Shielded, Component level	-
1408-03001	1U 4-cassette (24-Port)	1
1408-04001	1U 8-cassette (48-Port)	1

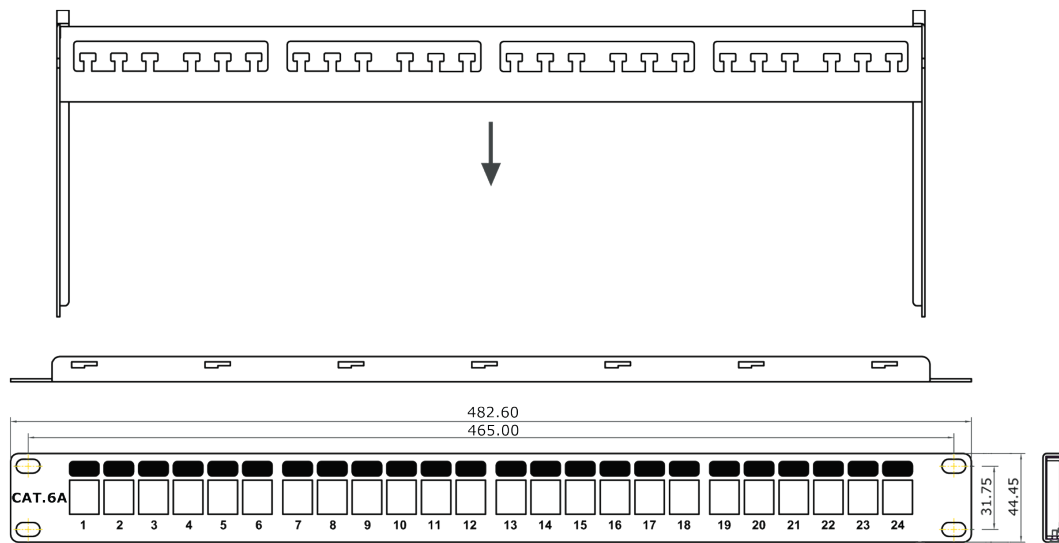
## 19" CAT.6A FTP Snap-in type Blank panel



### Application:

- Compatible with DINTEK 10G FTP Keystone jack

### Physical:

- Shell: Zinc alloy full shielded.
- PLATE: SPCC-SPCC 16G
- FTP Snap-in type
- Printed port number and white writing labeling
- Cable manager



P/N	Description	Std Ctn Qty	
1406-00012	19" Cat.6A FTP Snap-in type blank panel, with cable management, 1U 24P metal	10	
1406-00032	19" Cat.6A FTP Snap-in type blank panel, with cable management, 0.5U 24P metal	15	

## Fully Shielded Keystone F-Jack

### Transmission performance:

- Meets ANSI/TIA-568-C.2 Cat.6A connecting hardware requirements

### Mechanical:

- Insertion/Extraction life: 750 cycles min.
- 110 type IDC connector accepts 22-24 AWG solid wire.
- Can be used in F Tool and also punch down tool

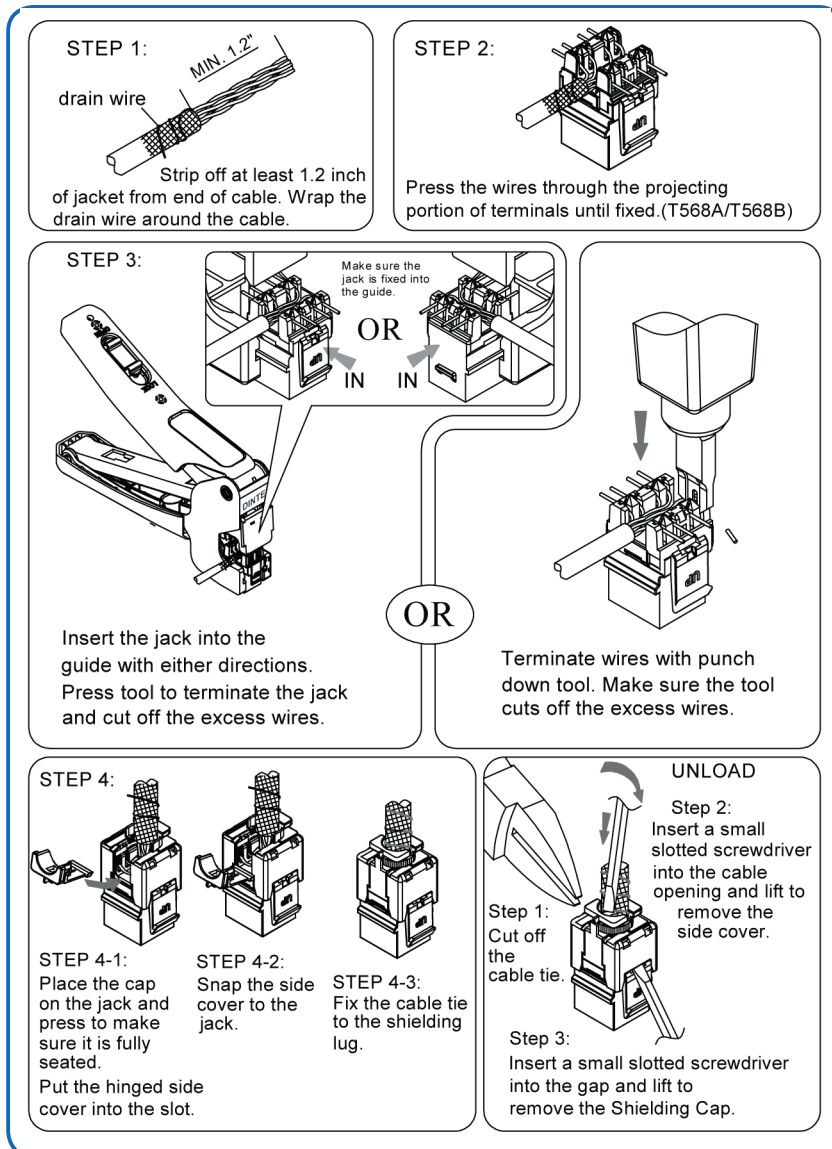
### Electrical:

- Electrical insulation resistance: 500 Mega-ohms min.
- Dielectric with standing voltage: 1,000 V, RMS, 60Hz, 1min.
- Contact resistance: 20 milli ohms max.
- Current rating: 1.5 AMPS at 20°C

### Physical:

- Housing: Zinc alloy fully shielded
- Spring wire: Phosphor Bronze alloy Plated 50u" gold over 100u" nickel.

P/N	Description	Std Pkg Qty	Std Ctn Qty
1305-05010	Cat.6A vertical type, fully shielded keystone F-Jack, T568A/ B, Component level	100	600



## Fully Shielded Toolless Keystone Jack

### Application:

- Voice; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 16Mbps Token Ring (IEEE802.5)
- 100VG-AnyLAN (IEEE802.12)
- 100Base-T Ethernet(IEEE 802.3u)
- 155/622 Mbps 1.2/ 2.4 Gbps ATM
- 1000Mbps Gigabit Ethernet
- 550 MHz Broadband video

### Physical:

- FTP 90° High density
- Toolless, easy termination, no punch down tool needed.
- Accept 22~24AWG, stranded or solid wire
- Diecasting housing design.
- Comply with FCC part 68 Subpart F and IEC 60603-7
- Housing: High-impact, FLAME-RETARDANT plastic, UL94V-0 rated, spring wire/contact blades.
- Contact material: Phosphor bronze alloy
- Contact plating: 50u" gold plated over 100u"nickel.
- Shell:Ninc alloy full shielded
- Wiring: T568A/B

### Industry Standard:

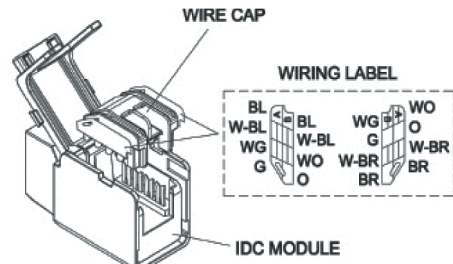
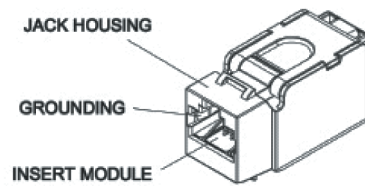
- UL Listed
- Meets IEEE 802.3 ab Specification
- High performance, exceeds ANSI/TIA-568-C.2 connecting hardware performance.

### Mechanical:

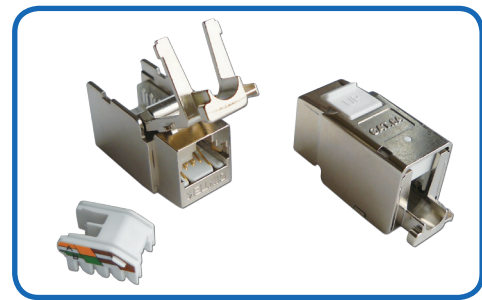
- Plug insertion life:750 cycle min.
- Plug retention force:50N for 60sec.

### Electrical:

- Current rating:1.5 Amps
- Insulation resistance: 500Mega-ohms min.
- Contact resistance:20 milli-ohms max.
- Dielectric with standing voltage: 1000V, RMS, 60Hz, 1min.
- Transmission quality verified up to 500MHz



P/N	Description	Std Pkg Qty	Std Ctn Qty
1305-05004	Cat.6A horizontal type fully shielded Toolless keystone Jack, T568A/ B, Component level	100	600



## 3P Verified - ISO/IEC, EN& TIA/EIA Screened Continuity Class E/ Category 6A Four Connector Channel

