

Since 1975

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# HCI

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HSING CHAU INDUSTRIAL CO., LTD.

# COMPANY PROFILE

## CORPORATE MILESTONE

1975  
Hsing Chau Industrial Co., Ltd. was established.  
Produced traditional telephone accessories.

1982  
Produced modular telephone accessories.

1989  
Emphasized to the datacom/networking products development.

1992  
Produced the Category 5 products according to the ANSI/TIA/EIA-568-A Standard.

2000  
Introduced the Optical Fiber products to cabling market. Established manufacture site in Ningbo, China.

2001  
Produced the Category 5e products according to the ANSI/TIA/EIA-568-B Standard.

2002  
Produced the Category 6 products according to the ANSI/TIA/EIA-568-B.2-1 Standard.

2003  
Obtained the SGS Certificate of ISO 9001:2000.

2005  
Joint venture with Telegärtner as Telegärtner-HCI Taiwan Inc.  
Implement RoHS requirement into the production process.

2006  
Produced the Multimedia products.

2007  
Launched the 10G-over-UTP solution to the cabling market.

## COMPANY PROFILE

# PRIVATE BRANCH EXCHANGE

## PBX

A Private Branch eXchange (also called PBX or Private Business eXchange) is a telephone exchange that is owned by a private business, as opposed to one owned by a common carrier or by a telephone company.

# EXCHANGE

# TELEPHONE



## CONTENTS

- 01-10 110 Cross-Connect System
- 11-24 T1/DSX+ Connection System
- 25-32 ADSL Accessories
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## 110 CROSS-CONNECT SYSTEM

For data & voice cross-connect applications, HCI provides a number of efficient solutions. Wiring blocks accommodate a range of conductor sizes from 23-26 AWG solid or stranded and are designed to exceed Category 6 specifications. They can be configured to build a cross-connect system for any application. Wiring blocks can be ordered with mounting legs for routing cable behind the block, or without legs where the space is limited.



## 110 CONNECTING BLOCKS

The 110 connecting blocks (Clips) utilize double-ended insulation displacement contacts (IDC) that terminate 23-26 AWG solid conductors. The blocks are available in 3, 4 and 5-pair sizes with the appropriate color-coding for easy conductor placement.

### ORDERING INFORMATION

Part No.	Description
HC-110C-3N	3-Pair, Blue/Orange/Green
HC-110C-4N	4-Pair, Blue/Orange/Green/Brown
HC-110C-5N	5-Pair, Blue/Orange/Green/Brown/Black
HC-110C-4-C6	4-Pair, Blue/Orange/Green/Brown, Cat.6

## 110 WALL MOUNT WIRING BLOCKS

110 wiring blocks are available for wall mounting in both Category 6 and 5e versions. The Category 6 wiring blocks are available in 32, 64, 128 and 192-pair for backboard mounting. The Category 5e wiring blocks are available in 50, 100, 200 and 300-pair for backboard mounting.

## FEATURES

- Accept 23-26 AWG conductors.
- Available with and without legs.

### ORDERING INFORMATION

Part No.	Description
HC-110B-32-C6	32-Pair
HC-110B-64-C6	64-Pair
HC-110BK-32-C6	32-Pair, W/Legs
HC-110BK-64-C6	64-Pair, W/Legs
HC-110BK-128-C6	128-Pair, W/Legs
HC-110BK-192-C6	192-Pair, W/Legs



### ORDERING INFORMATION

Part No.	Description
HC-110B-50N1	50-Pair
HC-110B-100N2	100-Pair
HC-110BK-50N1	50-Pair, W/Legs
HC-110BK-100N2	100-Pair, W/Legs
HC-110BK-200N2	200-Pair, W/Legs
HC-110BK-300N2	300-Pair, W/Legs



### ORDERING INFORMATION

Part No.	Description
HC-110BK-64-C6/C4	64-Pair, W/Legs & 110C-4-C6 X 16pcs
HC-110BK-128-C6/C4	128-Pair, W/Legs & 110C-4-C6 X 32pcs
HC-110BK-192-C6/C4	192-Pair, W/Legs & 110C-4-C6 X 48pcs
HC-110BK-100N2/C34	100-Pair, W/Legs & 110C-3 X 28pcs + 110C-4 X 4pcs
HC-110BK-100N2/C45	100-Pair, W/Legs & 110C-4 X 20pcs + 110C-5 X 4pcs
HC-110BK-100N2/C5	100-Pair, W/Legs & 110C-5 X 20pcs
HC-110BK-300N2/C34	300-Pair, W/Legs & 110C-3 X 84pcs + 110C-4 X 12pcs
HC-110BK-300N2/C45	300-Pair, W/Legs & 110C-4 X 60pcs + 110C-5 X 12pcs
HC-110BK-300N2/C5	300-Pair, W/Legs & 110C-5 X 60pcs

## 110 WALL MOUNT WIRING BLOCK KITS

Wall mount kits include wiring blocks, 3, 4 & 5-pair connecting blocks, white paper labels and label holders.

## 110 RACK MOUNT WIRING BLOCKS

These wiring blocks are available for 19" rack mounting in both Category 6 and 5e versions. The Category 6 panels are available in 64, 128, 192 and 256-pair configurations without connecting blocks. The Category 5e panels are available in 100, 200, 300 and 400-pair without connecting blocks.



### ORDERING INFORMATION

Part No.	Description	Height
HC-110BP-64-C6	64-Pair	1U
HC-110BP-128-C6	128-Pair	2U
HC-110BP-192-C6	192-Pair	3U
HC-110BP-256-C6	256-Pair	4U
HC-110BP-100N	100-Pair	1U
HC-110BP-200N	200-Pair	2U
HC-110BP-300N	300-Pair	3U
HC-110BP-400N	400-Pair	4U

## 110 RACK MOUNT WIRING BLOCK KITS

Rack mount kits include wiring blocks, 4 & 5-pair connecting blocks, white paper labels and label holders.

### ORDERING INFORMATION

Part No.	Description	Height
HC-110BP-64-C6/C4	64-Pair, W/110C-4-C6 X 16pcs	1U
HC-110BP-128-C6/C4	128-Pair, W/110C-4-C6 X 32pcs	2U
HC-110BP-192-C6/C4	192-Pair, W/110C-4-C6 X 48pcs	3U
HC-110BP-100N/C45	100-Pair, W/110C-4 X 20pcs + 110C-5 X 4pcs	1U
HC-110BP-100N/C5	100-Pair, W/110C-5 X 20pcs	1U
HC-110BP-300N/C45	300-Pair, W/110C-4 X 60pcs + 110C-5 X 12pcs	3U
HC-110BP-300N/C5	300-Pair, W/110C-5 X 60pcs	3U



## 110 WALL MOUNT CABLE MANAGERS

The 110 cable managers are fire-retardant molded plastic frame, which serves as a horizontal cable management for routing of patch cords and cross-connect wire.

### ORDERING INFORMATION

Part No.	Description
HC-110F-N	Wall Mount Cable Manager
HC-110FK-N	Wall Mount Cable Manager W/Legs



## 110 RACK MOUNT CABLE MANAGER

The 110 cable managers are available for 19" rack mounting.

### ORDERING INFORMATION

Part No.	Description	Height
HC-110FPN	Rack Mount Cable Manager	1U



## TERMINATION TOOLS

The termination tools install 4 or 5-pair of conductors at one time in your cross-connect system. The tool design includes termination, stripping & cutting.



### ORDERING INFORMATION

Part No.	Description
HC-007A-110-4P	Punchdown Tool For 4-Pair 110 Connecting Blocks Terminates & Cuts
1. HC-007A-110-5P	Punchdown Tool For 5-Pair 110 Connecting Blocks Terminates & Cuts
2. HC-007A-110-4P-C6	Punchdown Tool For 4-Pair Cat.6 110 Connecting Blocks Terminates & Cuts

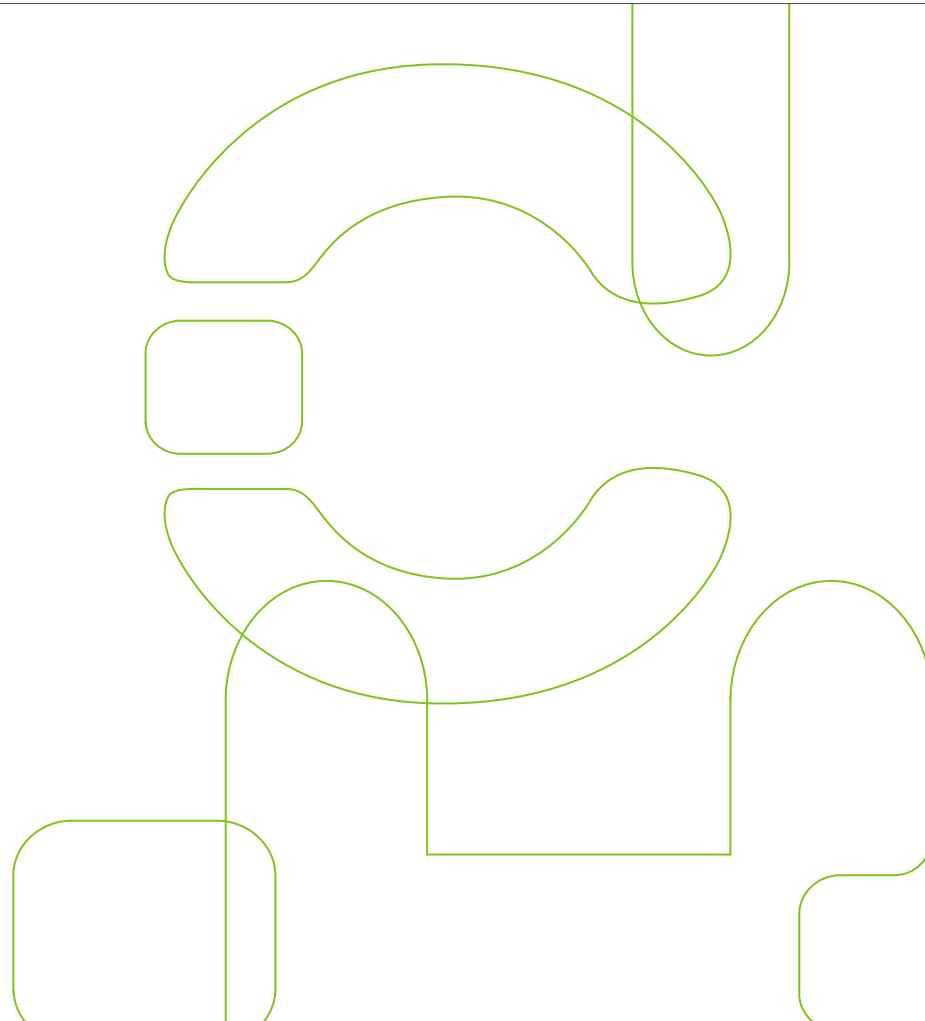


## 110 PLUGS

The 110 plugs are available in 1, 2, 3 and 4-pair version for field termination and accommodate 24-26 AWG stranded conductors.

### ORDERING INFORMATION

Part No.	Description
HC-110PCC-1N	1-Pair
HC-110PCC-2N	2-Pair
HC-110PCC-3N	3-Pair
HC-110PCC-4N	4-Pair
HC-110PCC-4-C6	4-Pair



## 110 PATCH CORDS

The 110 patch cords are utilized for connecting with cross-connect system used as jumper or end-user patch cords.

### ORDERING INFORMATION

Part No.	Description
HC-110PCC-1W	1-Pair, 110-To-110
HC-110PCC-2W	2-Pair, 110-To-110
HC-110PCC-3W	3-Pair, 110-To-110
HC-110PCC-4W	4-Pair, 110-To-110
HC-110PCC-4W-C6	4-Pair, 110-To-110 Cat.6
HC-110PCC-1WP	1-Pair, 110-To-6P2C Plug
HC-110PCC-2WP	2-Pair, 110-To-6P4C Plug
HC-110PCC-3WP	3-Pair, 110-To-6P6C Plug
HC-110PCC-4WPA	4-Pair, 110-To-8P8C Plug T568A
HC-110PCC-4WPB	4-Pair, 110-To-8P8C Plug T568B
HC-110PCC-4WP-C6A	4-Pair, 110-To-8P8C Plug T568A Cat.6
HC-110PCC-4WP-C6B	4-Pair, 110-To-8P8C Plug T568B Cat.6

Note: Custom configurations available upon request.



## LSA+ CONNECTION SYSTEM

LSA+ connection system can be used throughout the local loop, in main distribution frames, cross-connection cabinets, distribution points and in-house areas. The contact security is especially noteworthy without worrying about climatic and other environmental problems. Technical contact security results in the formation of a gas-tight connection with very low transmission resistance. Connection is made through the special termination tool, which means the quality of the connection is always repeatable.

## CONNECTION MODULES

Connection modules have 1-piece type contact which providing a continuous link between jumper wiring and permanent wiring, giving provision for monitoring access and over voltage protection.

### PLUS TYPE

#### ORDERING INFORMATION

Part No.	Description	Dimension (mm)
HC-KCMS08-ABS	8-Pair, ABS	L103.0 x W21.3 x H39.5
HC-KCMS08-PBT	8-Pair, PBT	L103.0 x W21.3 x H39.5
HC-KCMS10-ABS	10-Pair, ABS	L123.0 x W21.3 x H39.5
HC-KCMS10-PBT	10-Pair, PBT	L123.0 x W21.3 x H39.5



### PROFIL TYPE

#### ORDERING INFORMATION

Part No.	Description	Dimension (mm)
HC-KCML10-PBT	10-Pair, PBT	L122.0 x W22.6 x H40.6
HC-KCML10E-PBT	10-Pair W/Earth Clip, PBT	L122.0 x W22.6 x H40.6



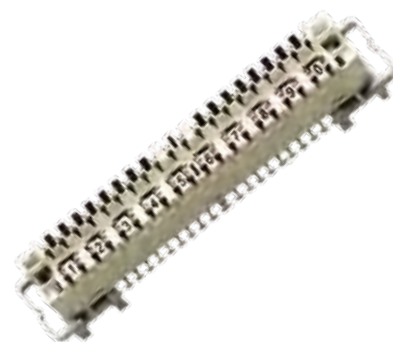
## DISCONNECTION MODULES

Disconnection modules have 2-piece type contacts that closed normally. This gives all the features as connection modules plus the advantage of individual pair disconnection and 4-wire test access.

### PLUS TYPE

Part No.	Description	Dimension (mm)
HC-KDMS08-ABS	8-Pair, ABS	L103.0 x W21.3 x H39.5
HC-KDMS08-PBT	8-Pair, PBT	L103.0 x W21.3 x H39.5
HC-KDMS10-ABS	10-Pair, ABS	L123.0 x W21.3 x H39.5
HC-KDMS10-PBT	10-Pair, PBT	L123.0 x W21.3 x H39.5

#### ORDERING INFORMATION



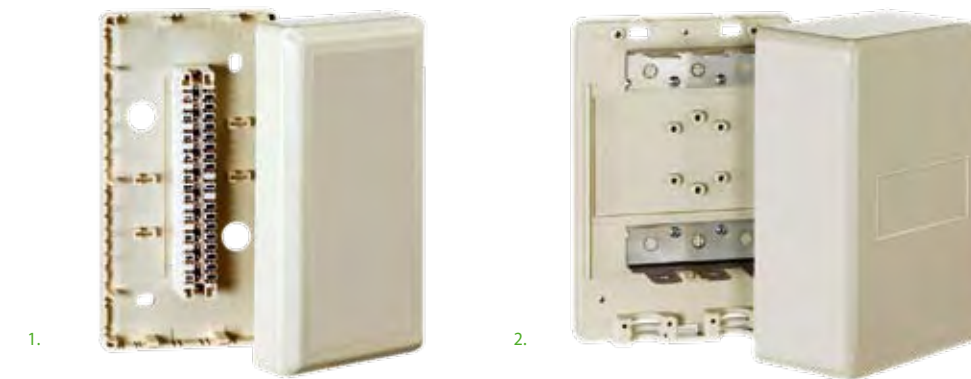
### PROFIL TYPE

Part No.	Description	Dimension (mm)
HC-KDML10-PBT	10-Pair, PBT	L122.0 x W22.6 x H40.6
HC-KDML10E-PBT	10-Pair W/Earth Clip, PBT	L122.0 x W22.6 x H40.6

#### ORDERING INFORMATION

## DISTRIBUTION BOXES

Distribution boxes come with back mount frame normally.



### MINI TYPE

Mini Wall mount distribution boxes with modules (up to 30-pair) and cover.

ORDERING INFORMATION		
Part No.	Description	Dimension (mm)
1. HC-KDB-M10/DA	10-Pair Distribution Box W/Disconnection Module, ABS	L165.0 x W85.0 x H35.0
2. HC-KDB-M30	30-Pair Distribution Box, ABS	L150.0 x W105.0 x H56.0

Note: Boxes are sold empty. PLUS type modules must be ordered separated. (See page 12 & 13).



## REGULAR TYPE

These boxes are designed for surface and flush mounting.

### ORDERING INFORMATION

Part No.	Description	Pair	Dimension (mm)
HC-KDB-RS030	Distribution Box, Screw Lock	30	L162.0 x W163.0 x H76.0
HC-KDB-RS050	Distribution Box, Screw Lock	50	L190.0 x W250.0 x H140.0
HC-KDB-RS100	Distribution Box, Screw Lock	100	L240.0 x W165.0 x H95.0
HC-KDB-RK030	Distribution Box, Key Lock	30	L162.0 x W163.0 x H76.0
HC-KDB-RK050	Distribution Box, Key Lock	50	L190.0 x W250.0 x H140.0
HC-KDB-RK100	Distribution Box, Key Lock	100	L280.0 x W206.0 x H113.0

Note: Boxes are sold empty. PLUS type modules must be ordered separated. (See page 12 & 13).

### ORDERING INFORMATION

Part No.	Description	Pair	Dimension (mm)
HC-KDB-RC030	Distribution Box, Coin Lock	30	L171.0 x W140.0 x H75.0
HC-KDB-RC050	Distribution Box, Coin Lock	50	L209.0 x W209.0 x H75.0
HC-KDB-RC100	Distribution Box, Coin Lock	100	L320.0 x W215.0 x H75.0

Note: Boxes are sold empty. PLUS type modules must be ordered separated. (See page 12 & 13).



## OUTDOOR TYPE

The boxes made of highly impact resistant polypropylene (PP).

### ORDERING INFORMATION

Part No.	Description	Pair	Dimension (mm)
HC-KDB-OS008	Distribution Box, Screw Lock	8	L160.0 x W115.0 x H85.0
HC-KDB-OS010	Distribution Box, Screw Lock	10	L160.0 x W115.0 x H85.0
HC-KDB-OS030	Distribution Box, Screw Lock	30	L185.0 x W135.0 x H80.0
HC-KDB-OS050	Distribution Box, Screw Lock	50	L195.0 x W195.0 x H85.0
HC-KDB-OS100	Distribution Box, Screw Lock	100	L350.0 x W190.0 x H95.0

Note: Boxes are sold empty. PLUS type modules must be ordered separated. (See page 12 & 13).

## MOUNTING FRAMES

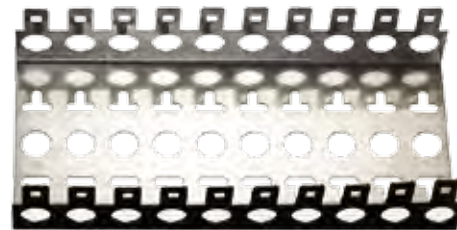
The mounting frames are made by stainless steel.

### FOR 8-PAIR MODULES

#### ORDERING INFORMATION

Part No.	Description	Dimension (mm)
HC-KMF808	8-Pair	L22.5 x W85.0 x H52.0
HC-KMF816	16-Pair	L45.0 x W85.0 x H52.0
HC-KMF824	24-Pair	L67.5 x W85.0 x H52.0
HC-KMF840	40-Pair	L112.5 x W85.0 x H52.0
HC-KMF880	80-Pair	L225.0 x W85.0 x H52.0
HC-KMF088	88-Pair	L247.5 x W85.0 x H52.0

Note: Frames are sold empty. PLUS type modules must be ordered separated. (See page 12 & 13).



### FOR 10-PAIR MODULES

#### ORDERING INFORMATION

Part No.	Description	Dimension (mm)
HC-KMF010	10-Pair	L22.5 x W105.0 x H50.0
HC-KMF020	20-Pair	L45.0 x W105.0 x H50.0
HC-KMF030	30-Pair	L67.5 x W105.0 x H50.0
HC-KMF050	50-Pair	L112.5 x W105.0 x H50.0
HC-KMF060	60-Pair	L135.0 x W105.0 x H50.0
HC-KMF080	80-Pair	L180.0 x W105.0 x H50.0
HC-KMF100	100-Pair	L225.0 x W105.0 x H50.0
HC-KMF110	110-Pair	L247.5 x W105.0 x H50.0
HC-KMF160	160-Pair	L360.0 x W105.0 x H70.0
HC-KMF210	210-Pair	L472.5 x W105.0 x H70.0
HC-KMF310	310-Pair	L697.5 x W105.0 x H70.0

Note: Frames are sold empty. PLUS type modules must be ordered separated. (See page 12 & 13).

## JUMPERABLE FRAMES

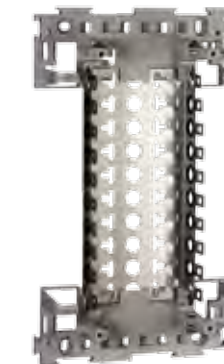
Jumperable frames for mounting of 10-pair modules internal use as a campus distributor, building distributor, or floor distributor at the network boundary.

## BACK MOUNT TYPE

#### ORDERING INFORMATION

Part No.	Description
HC-KJF100	100-Pair
HC-KJF110	110-Pair
HC-KJF160	160-Pair
HC-KJF210	210-Pair
HC-KJF310	310-Pair

Note: Frames are sold empty. PLUS type modules must be ordered separated. (See page 12 & 13).



## ROD MOUNT TYPE

#### ORDERING INFORMATION

Part No.	Description
HC-KJB100	100-Pair
HC-KJB250	250-Pair

Note: Frames are sold empty. PROFIL type modules must be ordered separated. (See page 12 & 13).





## SURGE ARRESTORS

Used for overvoltage protection magazines.

### ORDERING INFORMATION

Part No.	Description
HC-KGA3-230	3-Pole 230V
HC-KGA3-230F	3-Pole 230V W/Fail Safe
HC-KGA3-350	3-Pole 350V
HC-KGA3-350F	3-Pole 350V W/Fail Safe

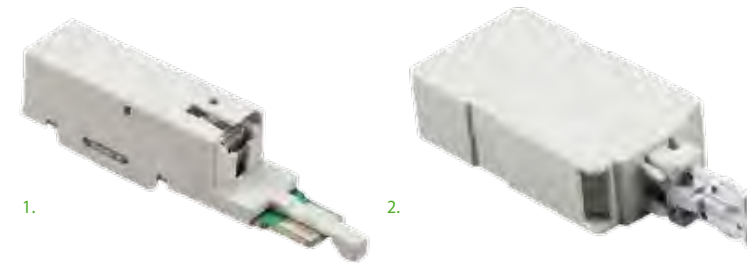


## ARRESTOR MAGAZINES

The arrestor magazines hold up to ten 3-pole arrestors for surge protection of modules mounted on a back mount frame.

### ORDERING INFORMATION

Part No.	Description
HC-KPM10	10-Pair, Unloaded
HC-KPM10/A3-230	10-Pair, Loaded W/3-Pole 230V
HC-KPM10/A3-230F	10-Pair, Loaded W/Fail Safe 3-Pole 230V
HC-KPM10/A3-350	10-Pair, Loaded W/3-Pole 350V
HC-KPM10/A3-350F	10-Pair, Loaded W/Fail Safe 3-Pole 350V



## PROTECTION PLUGS

Used with earth bar for overvoltage protection.

### ORDERING INFORMATION

Part No.	Description
1. HC-KLP01	Compact 1-Pair 5-Point Overvoltage Lighting Protector
2. HC-KLP02	1-Pair 5-Point Overvoltage Lighting Protector



## EARTH BAR

Earth connection for 1-pair protection plugs between the distribution frame and the protection plugs.

### ORDERING INFORMATION

Part No.	Description
HC-KEB10A	10-Pair



## DISCONNECTION PLUG

Plug for disconnecting a circuit.

### ORDERING INFORMATION

Part No.	Description
HC-KDP01	Disconnection Plug



## TERMINATION TOOL

The termination tool installs LSA+ module in your networking systems. The tool design includes termination, stripping & cutting.

### ORDERING INFORMATION

Part No.	Description
HC-KTL002	Insertion Tool For LSA+ Module Terminates & Cuts



## FEATURES

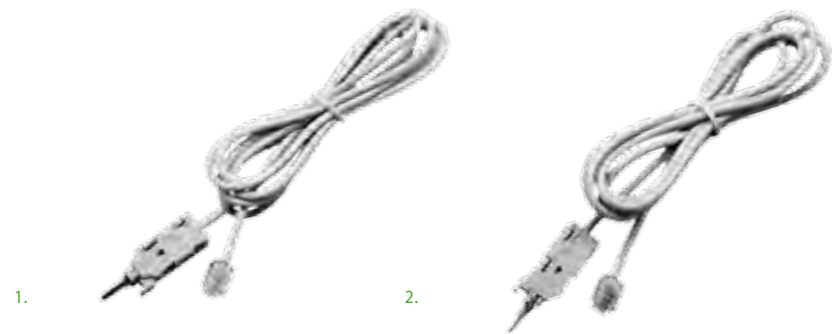
- High density Cat.3 voice patch panel.
- 19" panel w/cable tie cutout to manage each different cable.
- Available for 25 & 50-port RJ45 in 1U, cost effective
- 110 or LSA+ compatible IDC.



## VOICE PATCH PANELS

### ORDERING INFORMATION

Part No.	Description	Height
HC-BP25-8-C3	25-Port Cat.3 Unshielded Patch Panel, 5-in-1, 110 IDC	1U
HC-BP50-8-C3	50-Port Cat.3 Unshielded Patch Panel, 10-in-1, 110 IDC	1U
HC-BP25-K8-C3	25-Port Cat.3 Unshielded Patch Panel, 5-in-1, LSA+ IDC	1U
HC-BP50-K8-C3	50-Port Cat.3 Unshielded Patch Panel, 10-in-1, LSA+ IDC	1U
HC-BP25-B8-C3	25-Port Cat.3 Unshielded Patch Panel, 5-in-1, KATT IDC	1U
HC-BP50-B8-C3	50-Port Cat.3 Unshielded Patch Panel, 10-in-1, KATT IDC	1U



## PATCH CORDS

Patch cords fitted with LSA+ plug and 6P U.S. modular plug. Idea for connects voice patch panels.

### ORDERING INFORMATION

Part No.	Description
1. HC-KTC1TP-01	2-Pole LSA+ Plug To RJ11 (6P2C) Plug Cord, L=1m
2. HC-KTC2TP-01	4-Pole LSA+ Plug To RJ14 (6P4C) Plug Cord, L=1m

Note: Custom configurations available upon request.



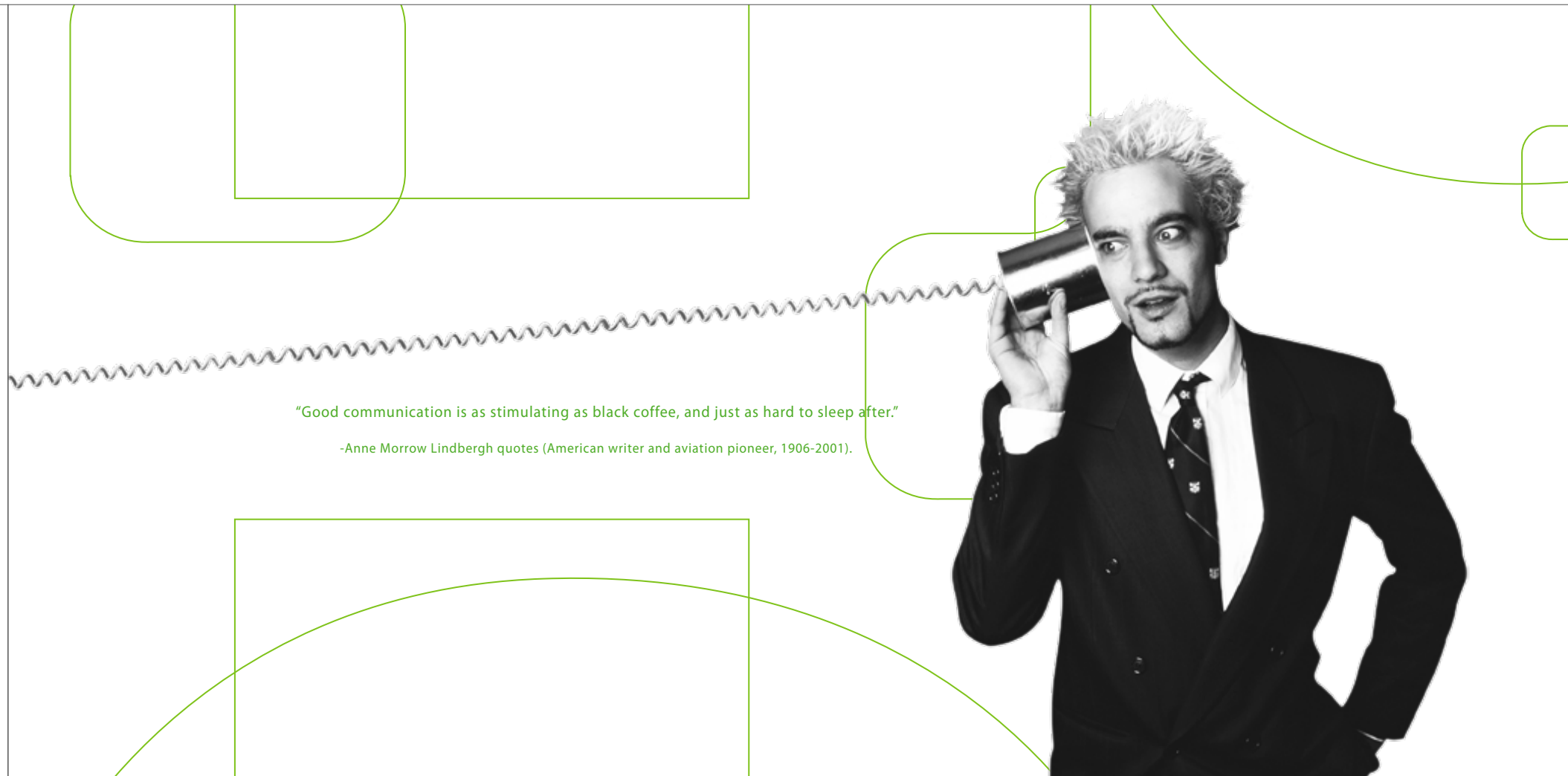
## TEST CORDS

Test cords fitted with test plug and 6P U.S. modular plug or alligator clip. Idea for connects the test equipment to MDF or IDF.

### ORDERING INFORMATION

Part No.	Description
1. HC-KTC1TA-01	2-Pole LSA+ Plug To Alligator Clip Cord, L=1m
2. HC-KTC2TA-01	4-Pole LSA+ Plug To Alligator Clip Cord, L=1m

Note: Custom configurations available upon request.



"Good communication is as stimulating as black coffee, and just as hard to sleep after."

-Anne Morrow Lindbergh quotes (American writer and aviation pioneer, 1906-2001).

## ADSL ACCESSORIES

Asymmetric Digital Subscriber Line (ADSL) is a form of DSL, a data communications technology that enables faster data transmission over copper telephone lines than a conventional modem can provide. It does this by utilizing frequencies that are normally not used by a voice telephone call, in particular, frequencies higher than normal human hearing. This signal will not travel very far over normal telephone cables, so ADSL can only be used over short distances, typically less than 2km.

## FUNCTION

Plain old telephone service (POTS) filter allows only voice signals to pass through to the subscriber's phone answering/fax machine and other analog devices while data signals pass into the computer. DSL filter, "PHONE" line (pin 3&4) is conditioned and "ADSL" line (pin 2/5 & 3/4) is remained clear for DSL compatible devices.

## FEATURES

- Isolate telephone equipment impedance from ADSL and Home Phone Network (HPN) wiring.
- Attenuate ADSL and HPN signal to phone equipment to prevent conversion to voiceband signals.
- Minimize voiceband interference-transmission, signaling, and supervision.

## SPECIFICATIONS

- Housing & Cover: ABS, UL94V-0.
- Strain-relief: PVC, UL94V-0.
- PCB: FR4, UL94V-0.
- Plug: RJ14 (6P4C) gold-plating contact.
- Jack: RJ14 (6P4C) gold-plating wire.



## SPLITTERS

### ORDERING INFORMATION

Part No.	Description
1. HC-206A-4-A/4	RJ14 Plug To RJ14 ADSL & RJ14 Phone Jacks
2. HC-303A-4-A/4	RJ14 Jack To RJ14 ADSL & RJ14 Phone Jacks

Note: Custom configurations available upon request.

## FUNCTION

DSL filter, "PHONE" line (pin 2&5) is conditioned and "ADSL" line (pin 3/4 & 2/5) is remained clear for DSL compatible devices.

## SPECIFICATIONS

- Plug: BT (6P4C) gold-plating contact.
- Jack: RJ14 (6P4C) gold-plating wire, BT (6P4C) gold-plating wire.



## SPLITTER

### ORDERING INFORMATION

Part No.	Description
HC-206A-BT-A/BT	BT Plug To RJ14 ADSL & BT Phone Jacks

## FUNCTION

DSL filter, "PHONE" line (pin 2&4) is conditioned and "ADSL" line (pin 2/4 & 3/5) is remained clear for DSL compatible devices.

## SPECIFICATIONS

- Plug: TAE (6P4C) contact.
- Jack: RJ14 (6P4C) gold-plating wire, TAE (6P4C) wire.



## SPLITTER

### ORDERING INFORMATION

Part No.	Description
HC-206A-DE-A/DE	TAE Plug To RJ14 ADSL & TAE Phone Jacks

## MICROFILTER

A DSL microfilter is an analog low-pass filter installed on telephones and other analog devices to prevent interference between such devices and Digital Subscriber Line (DSL) service operating on the same line. Without the installation of DSL microfilters, high-frequency signals from analog devices can result in reduced performance and connection problems with DSL service, and the high-frequency signals from the DSL service can result in line noise and other issues for analog devices.

## FUNCTION

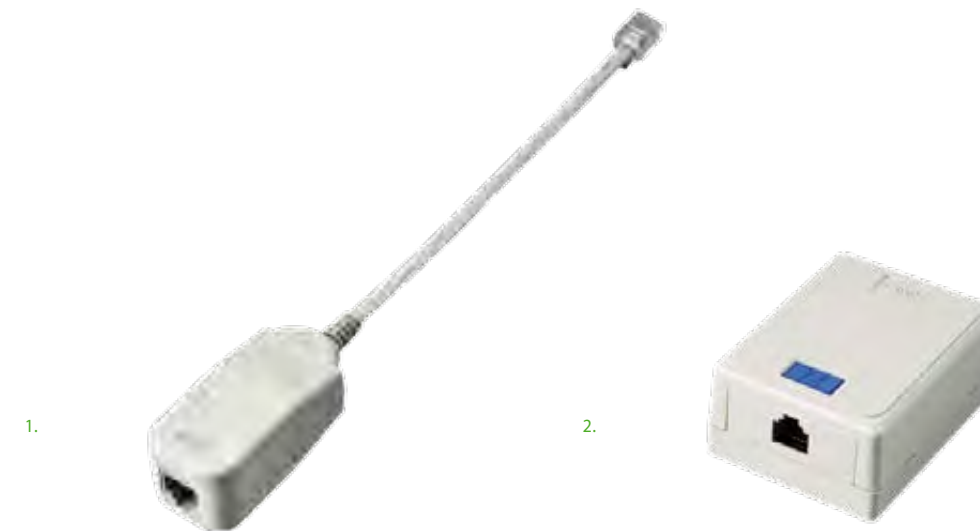
Plain old telephone service (POTS) filter allows only voice signals to pass through to the subscriber's phone answering/fax machine. DSL filter, "PHONE" line (pin 3&4) is conditioned for DSL compatible devices.

## FEATURES

- Isolate telephone equipment impedance from ADSL and Home Phone Network (HPN) wiring.
- Attenuate ADSL and HPN signal to phone equipment to prevent conversion to voiceband signals.
- Minimize voiceband interference-transmission, signaling, and supervision.

## SPECIFICATIONS

- Housing & Cover: ABS, UL94V-0.
- Strain-relief: PVC, UL94V-0.
- PCB: FR4, UL94V-0.
- Plug: RJ14 (6P4C) gold-plating contact.
- Jack: RJ14 (6P4C) gold-plating wire.



## MICROFILTERS

### ORDERING INFORMATION

Part No.	Description
1. HC-207A-4-4	RJ14 Plug To RJ14 Jack
2. HC-303A-4-4	RJ14 Jack To RJ14 Jack

Note: Custom configurations available upon request.



## FUNCTION

DSL filter, "PHONE" line (pin 2&5) is conditioned for DSL compatible devices.

## SPECIFICATIONS

- Plug: BT (6P4C) gold-plating contact.
- Jack: RJ14 (6P4C) gold-plating wire, BT (6P4C) gold-plating wire.

## MICROFILTERS

### ORDERING INFORMATION

Part No.	Description
HC-206A-BT-4	BT Plug To RJ14 Jack
HC-206A-BT-BT	BT Plug To BT Jack



## FUNCTION

DSL filter, "PHONE" line (pin 2&4) is conditioned for DSL compatible devices.

## SPECIFICATIONS

- Plug: TAE (6P4C) contact.
- Jack: RJ14 (6P4C) gold-plating wire, TAE (6P4C) wire.

## MICROFILTERS

### ORDERING INFORMATION

Part No.	Description
HC-206A-DE-4	TAE Plug To RJ14 Jack
HC-206A-DE-DE	TAE Plug To TAE Jack

## ISDN ACCESSORIES

Integrated Services Digital Network (ISDN) is a type of circuit switched telephone network system, designed to allow digital transmission of voice and data over ordinary telephone copper wires, resulting in better quality and higher speeds than available with analog systems.

More broadly, ISDN is a set of protocols for establishing and breaking circuit switched connections, and for advanced call features for the user.

## FEATURES

- Designed for ISDN S-BUS services.
- Uses 100 W, 1/4 W resistor.
- 4-pair, 8-Position plug: active pin 3/6 and 4/5.



## TERMINATOR

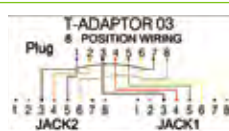
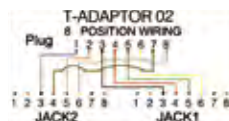
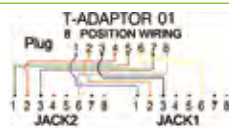
### ORDERING INFORMATION

Part No.	Description
HC-ISDN-T	ISDN Terminator

## T-TYPE ADAPTERS

### ORDERING INFORMATION

Part No.	Description
HC-202D-8-T-U1	Splits A 4-Pair T568A/T568B Wiring Into: Pair 1&2 To Jack 1, Pair 3&4 To Jack 2 For 10BASE-T Applications At Either Jack
HC-202D-8-T-U2	Splits A 4-Pair USOC Wiring Into: Pair 1&2 To Jack 2, Pair 3&4 To Jack 1 For 4Mbps Token Ring Or Voice Applications At Either Jack
HC-202D-8-T-U3	Splits A 4-Pair T568A Wiring Into: Pair 1&4 To Jack 2, Pair 2&3 To Jack 1 For 4Mbps Token Ring Or Voice Applications At Either Jack

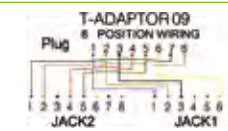
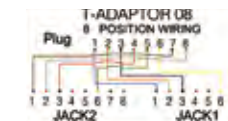
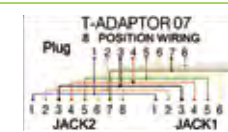
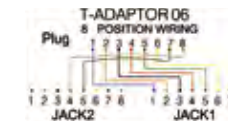


Part No.	Description	ORDERING INFORMATION
HC-202D-8-T-U4	Splits A 4-Pair T568A/T568B Wiring Into: Pair 1&2 To Jack 1, Pair 3&4 To Jack 2 For 10BASE-T At Jack 1 And Token Ring Or Voice Applications At Jack 2	
HC-202D-8-T-U5	Splits A 4-Pair T568B Wiring Into: Pair 1&3 To Jack 1, Pair 2&4 To Jack 2 For 4Mbps Token Ring Or Voice Applications At Either Jack	

## T-TYPE ADAPTERS

### ORDERING INFORMATION

Part No.	Description
HC-202D-8-T-U6	Splits A 4-Pair T568B Wiring Into: Pair 1,2&3 To Jack 1, Pair 4 To Jack 2 For 3-Pair Voice At Jack 1 And 1-Pair Voice/Modem At Jack 2
HC-202D-8-T-U7	Bridges All Jack Pairs. Compatible With Any Jack Wiring. Provides An Additional 4-Pair Jack With The Same Wiring
HC-202D-8-T-U8	Splits A 4-Pair T568A/T568B Wiring Into: Pair 1&2 To Jack 1, Pair 3&4 To Jack 2 For 10BASE-T Applications At Either Jack
HC-202D-8-T-U9	Splits A 4-Pair T568A/T568B Wiring Into: Pair 1&2 To Jack 1, Pair 3&4 To Jack 2 For 10BASE-T At Jack 1 And Voice Applications At Jack 2



Part No.	Description	ORDERING INFORMATION
HC-202D-8-T-U10	Splits A 4-Pair T568A/T568B Wiring Into: Pair 1&2 To Jack 1, Pair 3&4 To Jack 2 For 10BASE-T Applications At Either Jack	
HC-202D-8-T-U11	Splits A 4-Pair T568A/T568B Wiring Into: Pair 3&4 To Jack 1, Pair 1&2 To Jack 2 For Voice Applications At Either Jack	
HC-202D-8-T-U12	Splits A 4-Pair T568A/T568B Wiring Into: Pair 3&6 To Jack 1, Pair 1&2 To Jack 2 For 10BASE-T Applications At Jack 2 And Voice Applications At Jack 1	

Note: Shielded versions are available for all above products. Custom configurations available upon request.

## MULTI-TYPE ADAPTERS

The Multi Adapter is an in-line modular designed to work with workstation equipment such as phones, answering machines, faxes, personal computers, and printers. The Multi adapter offers a variety of useful application. It can convert jack styles or alter the wiring sequence of a modular jack.

## SPECIFICATIONS

- Current rating: 1.5 Amps.
- DC resistance: 0.1 ohm maximum.
- Plug insertion life: 750 cycles minimum.
- Plug & Jack contact force: 100 grams.
- Plug retention force: 30 lbs minimum.
- Temperature: -40°F~150°F. (-40°C~68°C)
- Housing: High impact flame retardant plastic, UL 94V-0 rated.
- Contact wire: 50 μ" of gold over 100 μ" of Nickel.

RJ45 Plug/Jack	Wiring 1				RJ45 Plug/Jack	Wiring 2			
	Jack1	Jack2	Jack3	Jack4		Jack1	Jack2	Jack3	Jack4
Unshielded					Unshielded				
1	1	1	1	1	1			4	
2	2	2	2	2	2			5	
3	3	3	3	3	3		4		
4	4	4	4	4	4				4
5	5	5	5	5	5				5
6	6	6	6	6	6		5		
7	7	7	7	7	7				4
8	8	8	8	8	8				5
STP Shielded					STP Shielded				
S	S	S	S	S	S	S	S	S	S



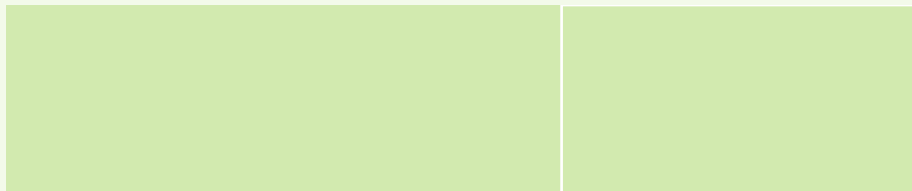
## ORDERING INFORMATION

Part No.	Description
HC-406-I-AU1	Input: Unshielded 8P8C Plug W/Cable, Output: 8P8C Jack x 4, Wiring 1
HC-406-I-AU2	Input: Unshielded 8P8C Plug W/Cable, Output: 8P2C Jack x 4, Wiring 2
HC-406-I-AS1	Input: Shielded 8P8C Plug W/Cable, Output: 8P8C Jack x 4, Wiring 1
HC-406-I-AS2	Input: Shielded 8P8C Plug W/Cable, Output: 8P2C Jack x 4, Wiring 2
HC-406-I-BU1	Input: Unshielded 8P8C Jack, Output: 8P8C Jack x 4, Wiring 1
HC-406-I-BU2	Input: Unshielded 8P8C Jack, Output: 8P2C Jack x 4, Wiring 2
HC-406-I-BS1	Input: Shielded 8P8C Jack, Output: 8P8C Jack x 4, Wiring 1
HC-406-I-BS2	Input: Shielded 8P8C Jack, Output: 8P2C Jack x 4, Wiring 2

# WHY HCI

- Total Solution, from design, development to production at the best price and fast turn around time.
- Founded in 1974 and over 20 years experience in OEM/ODM projects.
- Leading technology in Telecommunications Structured Cabling System in Taiwan.
- Proven high product quality, SGS ISO 9001: 2000 certified.

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