



Features and Benefits

Molex Premise Networks' 110* Style Connector is a high-performance IDC capable of providing all your voice and data interconnect needs. It has been independently tested to EIA/TIA assure a gas-tight, Category 5E connection.

Dimensions Ship Weight

110 C4 Connector 369 grams
20mm x 31mm x 7mm bag of 100

110 C5 Connector 482 grams
220mm x 39mm x 7mm bag of 100

Wire Accommodation

Size ≤ 1.4mm OD
Types Plastic Insulation Including: PVC, IPVC, Polyethylene, PTFE, Polyurethane, Polyolefin, and Nylon

Terminations

Solid

Wire Ranges 22-26 AWG (0.4 - 0.63 mm)
Limiting OD 1.4mm
Reterminations > 200

Stranded

Wire Ranges (7 strands) 22-26 AWG
Limiting OD 1.4mm
Reterminations > 200

Electrical – Connector Only

Dielectric Strength 1.5 kV RMS @ 60 Hz
Resistance
Insulation Better than 100 MΩ
Termination
Typical <0.5 mΩ (<500 μΩ)
Guaranteed < 5.0 mΩ

Transmission Data

Insertion Loss
(Attenuation) @ 100 MHz < 0.4 dB

Mechanical

Wire Termination Type Insulation Displacement (Gas Tight)
Wire Insertion Force 3 lb. (27 Newtons) typical (24 AWG)
Wire Pull Out Force
Horizontal 10 lb. (36 Newtons) typical (24 AWG)
Vertical 5 lb. (14 Newtons) typical (24 AWG)

Materials

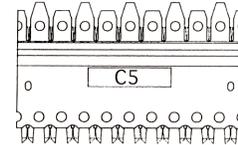
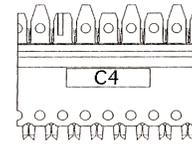
Plastic Housing UL94V-0 Rated, Thermoplastic
Contact Material Phosphor Bronze
IDC Contact Plating Solder Plate (60% tin/40% lead)

Design Life

Terminations ≥ 30 Years

Environmental – Connector Only

Temperature Range
Storage -40 to +70°C
Operational -10 to +60°C
Humidity 95% max



* 110 is a registered trademark of AT&T

ORDERING INFORMATION

Order No.	Description
KPD-00058	110-C4 Connectors (100)
KPD-00059	110-C5 Connectors (100)

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

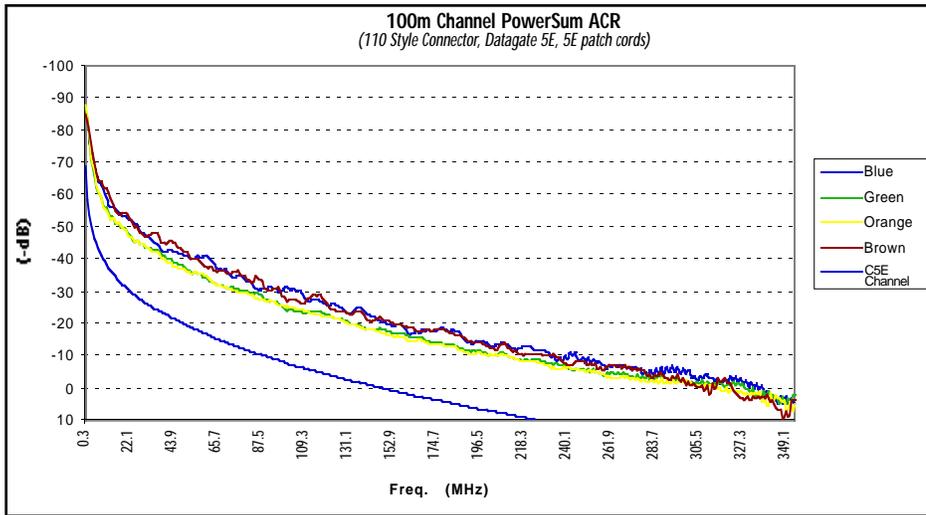
Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

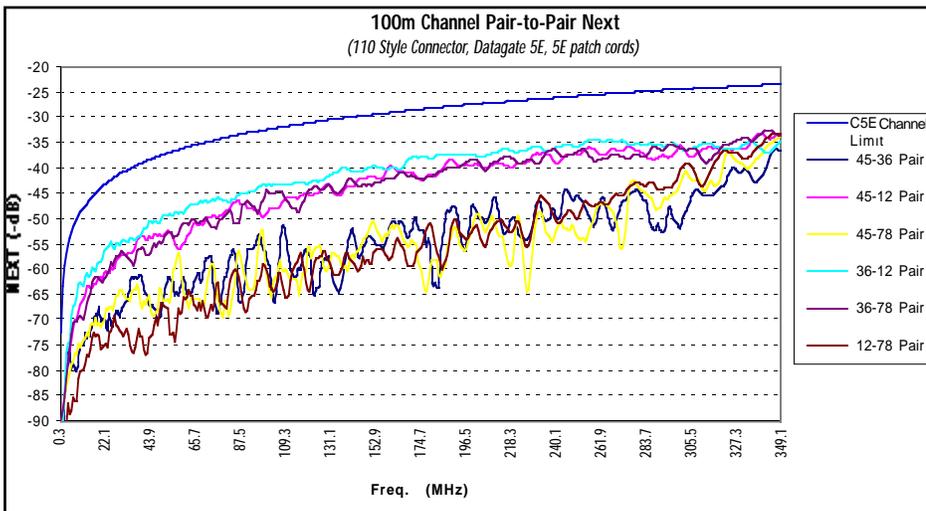
Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com



ACR (dB)		
Frequency (MHz)	PowerSum Performance	Cat 5E Req
1	-85	-58
4	-70	-47
8	-64	-41
10	-62	-38
16	-55	-34
20	-55	-31
25	-51	-29
31.25	-47	-26
62.5	-39	-16
100	-31	-08
155	-20	01
160	-19	02
200	-13	07
250	-09	13
300	-04	18
350	02	23



NeXT (dB)		
Frequency (MHz)	Pair-to-Pair Performance	Cat 5E Req
1	-88	-63
4	-74	-54
8	-65	-50
10	-63	-48
16	-60	-45
20	-58	-44
25	-55	-42
31.25	-54	-40
62.5	-47	-36
100	-43	-32
155	-40	-29
160	-40	-29
200	-37	-27
250	-36	-26
300	-36	-24
350	-33	-23

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com



Features and Benefits

Molex Premise Networks' 110* Style Patch Cord administers voice and data cross connections for 110 Style block-based circuits similar to an RJ patch field.

- Circuits can be easily changed by untrained personnel without using a punch down tool.
- The 110 Style Patch Cord is polarized to prevent accidental reversal of the cord -- a molded in arrow on the top of the connector provides a visual indication of the correct orientation.
- Integral strain relief holds the cable in place during lacing and provides proper cable retention for the terminated 110 Style connector.

Our 110 Style Patch Cords come in a variety of configurations and pair counts to suit all applications.

Technical Specifications

Material and Finish

Conductor Material	Grade A copper alloy
Finish	Commercial tin plated
Housing Material	Polycarbonate UL94V-0
Color	Black

Electrical Characteristics

Termination Resistance	
Contact to 110	< 1 Milliohm initial with 5 milliohms max. change
Contact to Wire	< 1 Milliohm
Insulation Resistance	500 Megohms (min.)
Dielectric Withstanding Voltage	1000 vac (rms) 60 Hz, one min. hold

Mechanical Characteristics

Total Retention Force	2.25 lbs. per contact
Durability	> 200 Mating cycles

Environmental Characteristics

Temperature Range	- 40° C to + 60° C
Relative Humidity	95%

Specific Wire Approval

- A. 22-26 AWG 7-strand stranded
- B. 22-26 AWG solid

Shipping Weights

110 Patch Cords (1/Pkg)	1.9 oz.
-------------------------	---------

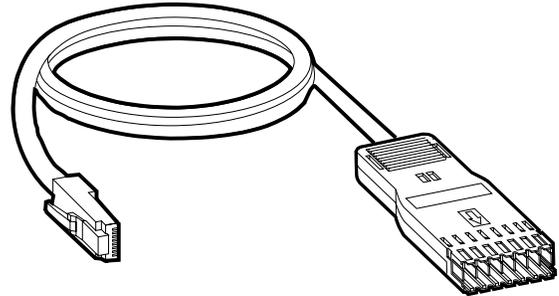
ORDERING INFORMATION

Description of Abbreviations Used Below

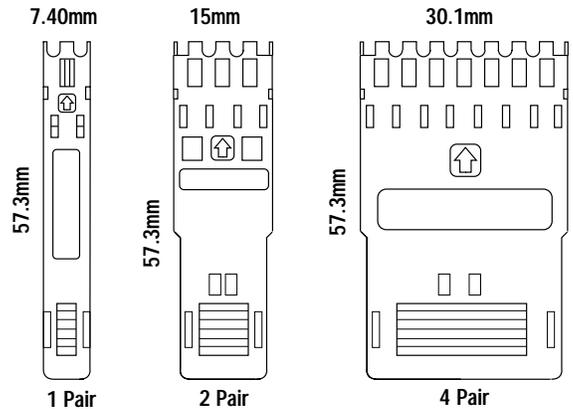
C5E = Category 5E 110-PC = 110 Patch Cord

Other colours are available upon application

Order No.	Description
KPC-00105-OE	110-PC 4PR TO 4PR C5E 1.0m 1/Pkg - Grey
KPC-00106-OE	110-PC 4PR TO 4PR C5E 2.0m 1/Pkg - Grey
KPC-00107-OE	110-PC 4PR TO 4PR C5E 3.0m 1/Pkg - Grey
KPC-00108-OE	110-PC 4PR TO 4PR C5E 5.0m 1/Pkg - Grey
KPC-00109-OE	110-PC 2PR TO 2PR 1.0m 1/Pkg - Grey
KPC-00110-OE	110-PC 2PR TO 2PR 2.0m 1/Pkg - Grey
KPC-00111-OE	110-PC 2PR TO 2PR 3.0m 1/Pkg - Grey
KPC-00112-OE	110-PC 2PR TO 2PR 5.0m 1/Pkg - Grey
KPC-00113-OE	110-PC 1PR TO 1PR 1.0m 1/Pkg - Grey
KPC-00114-OE	110-PC 1PR TO 1PR 2.0m 1/Pkg - Grey
KPC-00115-OE	110-PC 1PR TO 1PR 3.0m 1/Pkg - Grey
KPC-00116-OE	110-PC 1PR TO 1PR 5.0m 1/Pkg - Grey
KPC-00117-OE	110-PC 4PR TO RJ45 C5E 568A 1.0m 1/Pkg
KPC-00118-OE	110-PC 4PR TO RJ45 C5E 568A 2.0m 1/Pkg
KPC-00119-OE	110-PC 4PR TO RJ45 C5E 568A 3.0m 1/Pkg
KPC-00120-OE	110-PC 4PR TO RJ45 C5E 568A 5.0m 1/Pkg



110* Patch Connector - Dimensions



*110 is a registered trademark of AT&T

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com



**110* Style Termination
100 Pair Block**

Features and Benefits

The 100 Pair Blocks are the key component in wall mount 110 Premise Distribution System (PDS). The solidly constructed unit has the unique 110 connector which allows punchdown with most standard tools and has several convenient features. These include wiring strips that are marked to quickly identify 5-pair groups when lacing 25-pair backbone cable and designation strips marked for 1-, 2-, 4-, and 5-pair connectors that are available in colors to easily identify specific sections of the PDS installation.

Material

Flame Retardant Thermoplastic

Color

Black

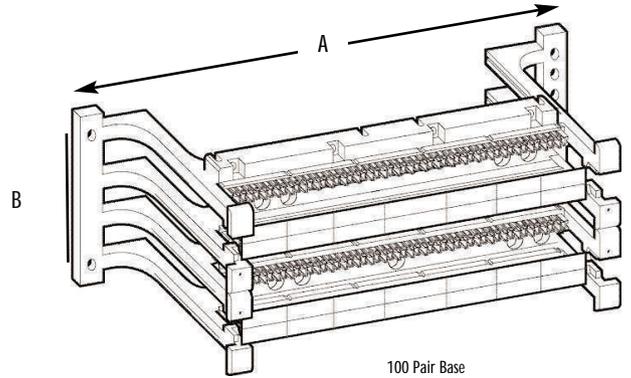
Dimensions

89mm x 273mm x 89mm

Ship Weight

330g – with legs

A = 259mm
B = 44.5mm



ORDERING INFORMATION

Order No.	Description
36.B0090	100 Pair Block with legs (no connectors)
36.B0340	100 Pair Block without legs (no connectors)
KPD-00064	100 Pair Block without legs (20) C4 110 & (4) C5 110 connectors
KPD-00065	100 Pair Block with legs (20) C4 110 and (4) C5 110 Connectors

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com



Part One: Preparing Work Area

Step One

Snap a straight line on one side of the wall to ensure a blocks can be mounted in series while maintaining straight rows and columns.

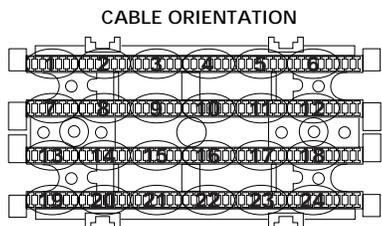
Step Two

Screw blocks into position and begin installation.

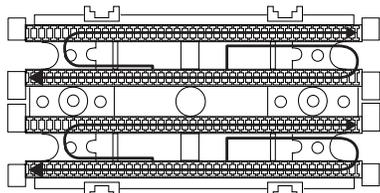
Part Two: Wiring the 100 Pair Base

Step One: Connecting 24 AWG, Solid Horizontal & Backbone Cables to the Base

A. Remove a minimal amount of the outer jacket of the incoming cable from the cable end. This allows individual pairs to be seated in the termination strip as shown below. Cutouts are provided for optional cable access through the back of the base.



4-PAIR CABLES



25-PAIR CABLES

B. Lace the tip wire (white with blue stripe) of Pair 1, T1 into the first or left-most slot.

C. Lace the ring wire (blue with white stripe) of Pair 1, R1 into the next slot to the right.

Take care to maintain the twists as close as possible, 13mm or less, to the termination strip. Follow this same pattern with subsequent pairs, always keeping the tip wire to the left of the ring wire. Do not seat more than one wire into each slot. For convenience, when terminating 25 pair cable, every fifth pair is indicated by a notch and white marking.

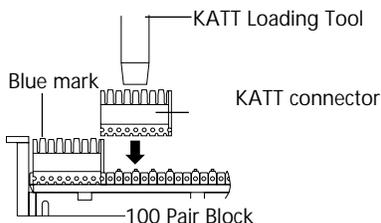
D. After you have laced each pair into the termination strip, trim excess wire with the cutting edge of an impact tool.

* Refers to 110 Style Connector

Step Two: Seating the 110* Connectors

After you have laced and trimmed all of the pairs, seat the 110* connectors to the termination strip as follows:

A. Orient the 110* connectors as shown below, with the blue markings on the left.



B. Seat the 110* connectors using an impact tool (5 pair or single position).

C. Snap the designation strips over the triangular hooks in the base (see page 1). If the cables are oriented according to step 1A, you can cover the wiring with designation strips for a neater appearance.

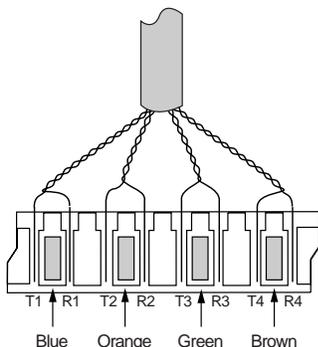
Step Two: Terminating Cross Connect Wires to the 110* Connectors

The 110* connector is an insulation displacement connector. Only 22-26 AWG (0.64 to 0.40mm) solid or stranded insulated wire should be used with this connector.

Once you have seated the 110* connectors and snapped in the designation strips, you can terminate cross connect wires to the top of the 110* connector.

A. Arrange the wires as shown below and terminate them using a 110-style impact tool. (Do not use a multi-pair impact tool for this step).

B. Make sure the conductors are completely seated at the bottom of the wire slots and trim any excess using the cutting edge of the impact tool.





Features and Benefits

Molex Premise Networks' Rack Mount 110* Style Premise Distribution System is a cross connect system combining the advantages of a block-based system with frame mounted active equipment. Providing full Category 5E channel and link performance. The unit fits on standard 19" racks and provides an economical termination solution.

The Rack Mount 110* Style PDS is comprised of two 100 pair blocks mounted to a 19" panel, with integral cable management rings. It is available in either 3U with single high rings or 4U with double high rings. This block-based format affords individual cable pair management not possible with an RJ patching field: the installer has the advantage of defining cross connections as either 1, 2, 4, or 5 pair at the installation stage rather than at the initial design stage.

3U and 4U PDS Panels

Overall Dimensions

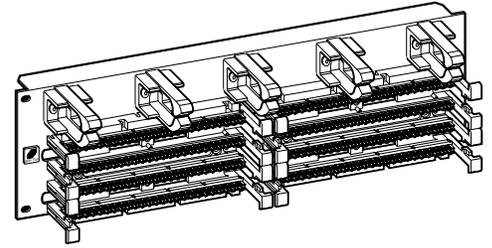
3U: 129mm x 466mm x 62mm

4U: 172mm x 466mm x 62mm

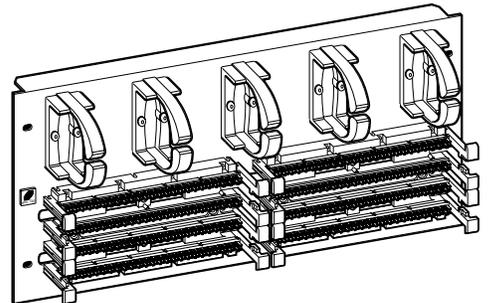
Material Panels: 0.5mm Thick CRS with overall epoxy powdercoat
Blocks: UL94V-0 rated PVC
Rings: UL94V-0 rated ABS

Color Panels: Textured graphite grey
Blocks: Black
Rings: Black

Labels White divided and numbered for either 1, 2, 4, or 5 pair. Also available in purple, grey,



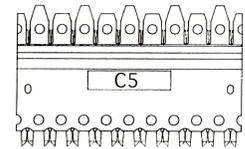
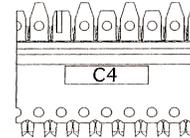
3U PDS Panel with Single High Rings (see list at left for variations)



4U PDS Panel with Double High Rings (see list at left for variations)

ORDERING INFORMATION

Order No.	Description
36.B040G	3U PDS Without Connectors
KPD-00060	3U PDS With 48 110-C4 Connectors
KPD-00061	3U PDS With 40 110-C5 Connectors
36.B022G	4U PDS Without Connectors
KPD-00062	4U PDS With 48 110-C4 Connectors
KPD-00063	4U PDS With 40 110-C5 Connectors
Connectors	
KPD-00058	110-C4 Connectors - Bag of 100
KPD-00059	110-C5 Connectors - Bag of 100
Designation Labels	
36.B0160	Purple - Bag of 100
36.B0170	Grey - Bag of 100
36.B0180	Blue - Bag of 100
36.B0190	Brown - Bag of 100



KATT Connectors

Overall Dims. 4 Pair: 21mm x 30mm x 6mm

5 Pair: 21mm x 38mm x 6mm

Material Insulator: UL94V-0 rated polycarbonate
Contacts: 60/40 tin/lead over nickel plated phosphor bronze

Colour Coding 110-4: Blue/Orange/Green/Brown
110-5: Blue/Orange/Green/Brown/Slate

* 110 is a registered trademark of AT&T

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com

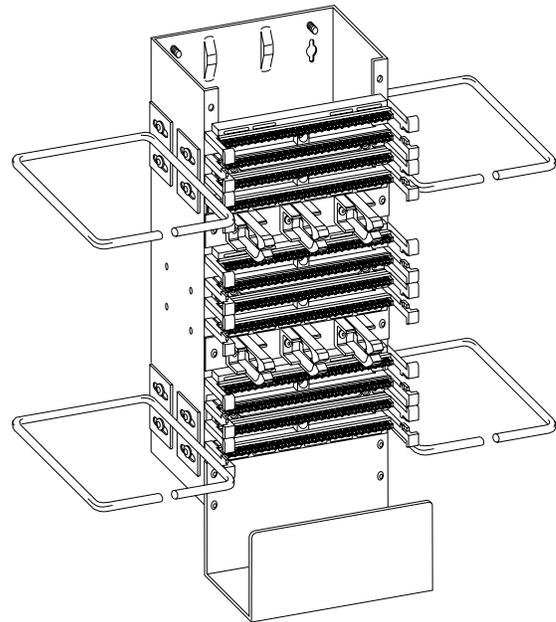


Features and Benefits

Recommended for voice and data systems, Molex Premise Networks' new 110* PDS Wall Mount Frame system is comprised of a rugged steel frame that mounts easily to a wall providing a complete communications facility with ample space behind the unit for incoming cable. The frame is available in 300 and 900 pair versions that accommodate 100 pair bases and horizontal and vertical cable management rings, plus drip trays to keep excess cable lengths safely off the floor.

The Wall Mount Frame, Drip Trays, and Ring Run Panels are constructed of rugged, black powdercoated steel. The cable management rings on the panels are made of durable Lexan and the Vertical Rings are black powdercoated steel.

The 110* PDS Wall Mount Frame and Accessories can be purchased as individual components or in convenient kit form—unloaded, or loaded with Molex Premise Networks Category 5E compliant 110* connectors—to suit all application requirements. Kits are packaged according to system density as follows:



▲ Shown Here: 300 Pair Kit KPD-00066 and four Vertical Rings (36.C0114)

ORDERING INFORMATION

Components	
Order No.	Description
36.C0054	PDS Wall Mt. Frame- 300 pair - unloaded
36.C0064	PDS Wall Mt. Frame - 900 pair - unloaded
36.C0074	PDS Wall Mt. Frame Vertical Drip Tray
36.C0084	PDS Wall Mt. Frame Drip Tray
36.C0094	PDS Wall Mt. Frame Shallow Ring Run
36.C0104	PDS Wall Mt. Frame Deep Ring Run
36.C0114	PDS Wall Mt. Frame Vertical Ring Run

Kits	
Order No.	Description
36.C0204	PDS 300 Pair Wall Mt. Frame Kit - Shallow - Unloaded
36.C0214	PDS 300 Pair Wall Mt. Frame Kit - Deep - Unloaded
KPD-00066	PDS 300 Pair Wall Mt. Frame Kit - Shallow - with C4 & C5
KPD-00067	PDS 300 Pair Wall Mt. Frame Kit - Deep - with C4 & C5
36.C0244	PDS 900 Pair Wall Mt. Frame Kit - Shallow - Unloaded
36.C0254	PDS 900 Pair Wall Mt. Frame Kit - Deep - Unloaded
KPD-00068	PDS 900 Pair Wall Mt. Frame Kit - Shallow - with C4 & C5
KPD-00069	PDS 900 Pair Wall Mt. Frame Kit - Deep - with C4 & C5
36.C0284	PDS 300 Pair Wall Mt. Frame Vertical Ring Run Kit
36.C0294	PDS 900 Pair Wall Mt. Frame Vertical Ring Run Kit

300 Pair Kit

- (1) Wall Mt. Frame
- (1) Wall Mt. Frame Drip Tray
- (3) 100 Pair Bases with designation labels
- (3) Ring Runs (shallow or deep depending on kit)
- (20) C4 & (4) C5 Conn per 100 Pr Base (loaded kits only)
- Self-tapping screws for mounting components to the frame

900 Pair Kit

- (1) Wall Mt. Frame
- (1) Wall Mt. Frame Drip Tray
- (9) 100 Pair Bases with designation labels
- (9) Ring Runs (shallow or deep depending on kit)
- (20) C4 & (4) C5 Conn per 100 Pr Base (loaded kits only)
- Self-tapping screws for mounting components to the frame

300 Pair Vertical Ring Kit

- (3) KATT PDS Vertical Rings
- (1) Vertical Drip Tray
- Self-tapping screws for mounting components to the frame

900 Pair Vertical Ring Kit

- (9) KATT PDS Vertical Rings
- (1) Vertical Drip Tray
- Self-tapping screws for mounting components to the frame

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

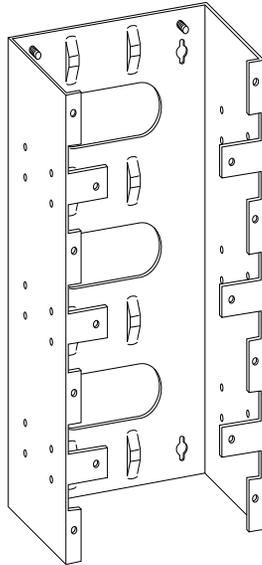
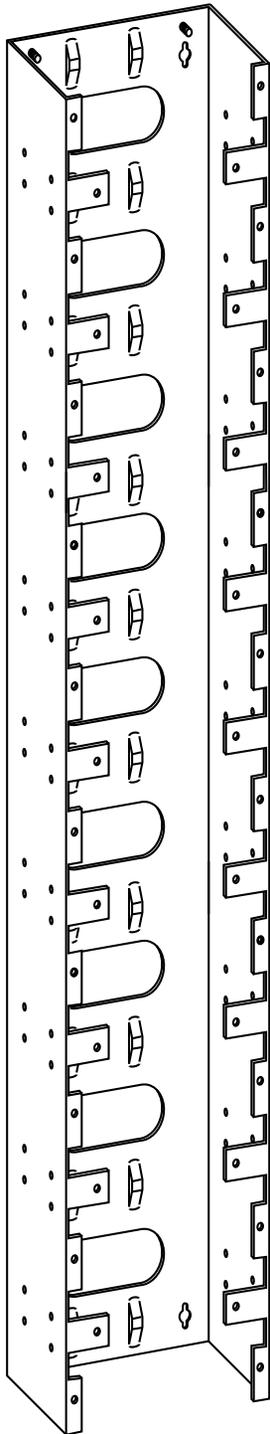
Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

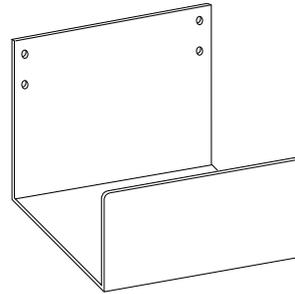
South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com

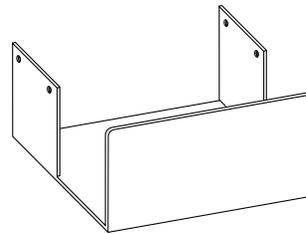
Component Specifications



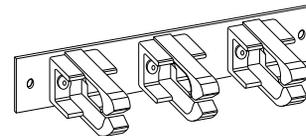
▲ 36.C0054
300 Pair Wall Mt. Frame (frame only)
445mm x 222mm x 102mm
Shipping Weight: 2.4kg



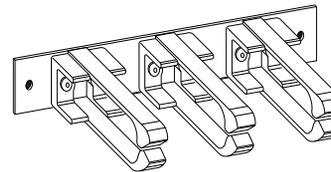
36.C0084
PDS Wall Mt. Frame Drip Tray
133mm x 222mm x 108mm
Shipping Weight: 880g



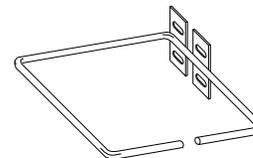
36.C0074
PDS Wall Mt. Frame Vertical Drip Tray
102mm x 222mm x 210mm
Shipping Weight: 1.04kg



36.C0094
PDS Wall Mt. Frame Ring Run
- 3 rings/shallow
44mm x 222mm x 70mm
Shipping Weight: 213g



36.C0104
PDS Wall Mt. Frame Ring Run
- 3 rings/deep
44mm x 222mm x 133mm
Shipping Weight: 227g



36.C0114
PDS Wall Mt. Frame Vertical Ring
210mm x 216mm
Shipping Weight: 270g

◀ 36.C0064
900 Pair Wall Mt. Frame (frame only)
1246mm x 222mm x 102mm
Shipping Weight: 6.75kg

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com



Xpress KATT™ - 110* System Sections

Features and Benefits

For ease in ordering and assembling a block-based structured cabling system, Molex Premise Networks offers pre-packaged Xpress KATT-110* System Sections in 300 and 600 pair versions. Each kit includes mounting brackets and ring runs for horizontal cable management. Each ring run has side cable clips that form a vertical cabling trough between two or more system sections.

The Xpress KATT-110* system is ideal for both voice and highspeed data applications and utilises Molex Premise Networks' KATT and 110* connectors making it the most flexible and cost-effective interconnect system available. Each kit includes blocks, ring runs and mounting brackets and poles (see list below), KATT and 110* Connectors are ordered separately according to your system requirements.

Shipping Weight

KPD-00013 - 300 Pr System

2.7 kg

KPD-00014 - 600 Pr System

4 kg

Dimensions

Separate spec sheets are available for individual Xpress110* components with dimensioned drawings and shipping weights as follows:

Form #	Title
418-773	Xpress110* 100 and 50 Pair Bases
418-774	XpressKATT 1U and 2U Ring Runs
418-776	XpressKATT Mounting Kits
418-775	XpressKATT Vertical Cable Management Kit

Included Items - 300 Pair High Density System Section

- (3) 100 Pair Bases
- (2) 2U Ring Runs
- (2) Mounting Brackets
- (2) Mounting Poles (530 mm)
- (6) Label Holders
- (6) Labels

Included Items - 600 Pair High Density System Section

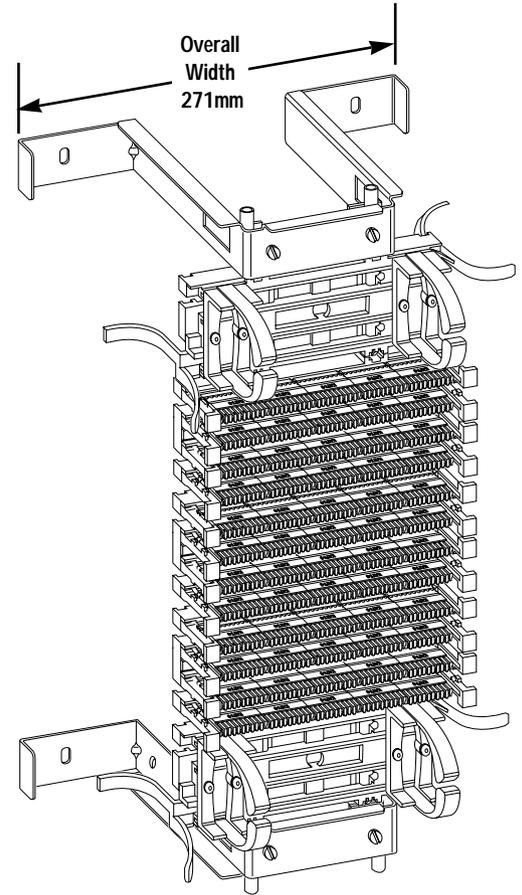
- (6) 100 Pair Bases
- (4) 2U Ring Runs
- (3) Mounting Brackets
- (2) Mounting Poles (1000mm)
- (12) Label Holders
- (12) Labels

Included Items - 600 Pair Medium Density System Section

- (6) 100 Pair Bases
- (5) 1U Ring Runs
- (2) 2U Ring Runs
- (12) Label Holders
- (12) Labels
- (3) Mounting Poles (1095mm)
- (3) Mounting Brackets

Included Items - 600 Pair Low Density System Section

- (6) 100 Pair Bases
- (7) 2U Ring Runs
- (12) Label Holders
- (12) Labels
- (3) Mounting Poles (1325mm)
- (2) Mounting Brackets



Vertical cable management is formed by butting ring runs in adjacent columns.

ORDERING INFORMATION

Order No.	Description
KPD-00013	XpressKATT-110* 300 Pair System Section
KPD-00014	XpressKATT-110* 600 Pair System Section
36.B0050	KATT-2 Connectors (100/bag)
36.B0060	KATT-4 Connectors (100/bag)
36.B0260	KATT-5 Connectors (100/bag)
KPD-00022	XpressKATT-110* 600 Pair Medium Density System Section
KPD-00023	XpressKATT-110* 600 Pair High Density System Section
KPD-00058	110 - C4 Connectors (100 / bag)
KPD-00059	110 - C5 Connectors (100 / bag)

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com

FEATURES AND SPECIFICATIONS



Xpress KATT™ -110* 100 and 50 Pair Bases

Features and Benefits

XpressKATT-110* 100 and 50 Pair Bases are used with the Molex Premise Networks XpressKATT-110* family of products including Ring Runs, Cable Management Kits, and Mounting Kits. They are easily installed by snapping onto XpressKATT Mounting Poles. All XpressKATT-110* Components can be purchased separately, or in convenient 300 and 600 pair kits.

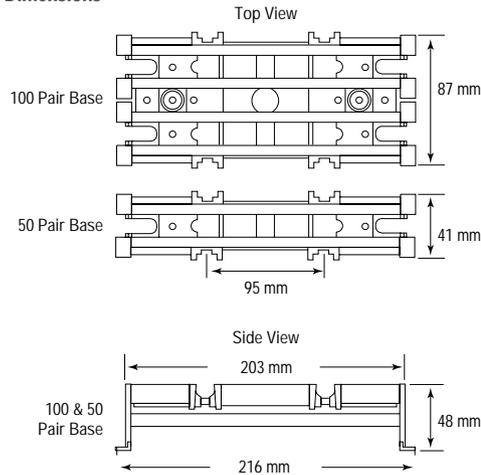
100 and 50 Pair Bases are the key components in the Molex Premise Networks XpressKATT-110* system. Each base has wiring strips which are notched and marked to quickly identify 5-pair groups when lacing 25-pair backbone cable. The designation strips are marked in 1-, 2-, 4-, and 5-pair increments.

Specifications

Material/Color

Black Flame Retardant Thermoplastic

Dimensions



Shipping Weight

100 Pair Base

7.0 oz (198g) - no connectors
9.5 oz. (269g) - with connectors

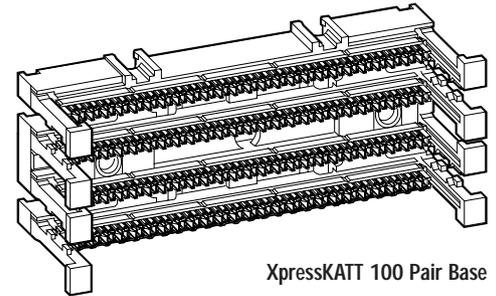
50 Pair Base

3.5 oz (99g) - no connectors
4.5 oz (128g) - with connectors

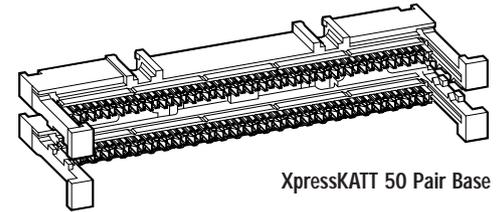
Included Items

- 50 or 100 Pair Base
- Plastic Label Holder(s)
- Paper Label Insert(s)
- KATT MKII Connectors or 110* Connectors

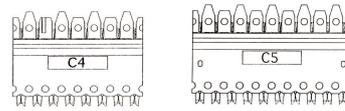
Quantity and pair count depends on part number ordered



XpressKATT 100 Pair Base



XpressKATT 50 Pair Base

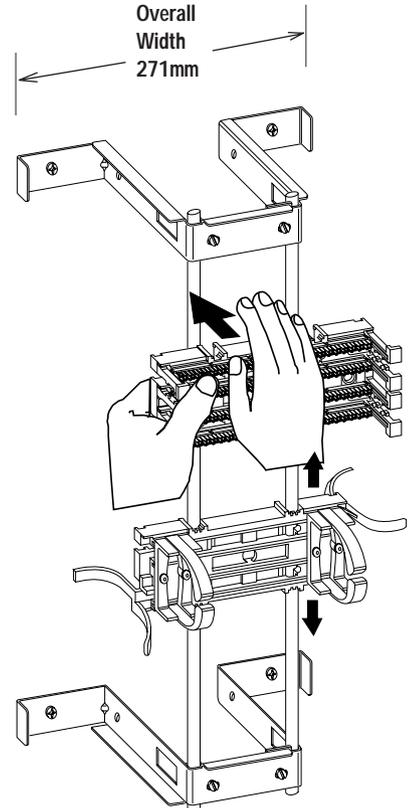


C4 C5
110* Style Connectors



KATT MKII Connectors KATT2, KATT4, and KATT5

XpressKATT-110* bases and ring runs attach to the mounting poles by pressing in the center of the block and snapping onto the poles. Then, slide the block up or down to desired position.



ORDERING INFORMATION

Order No.	Description
KPD-00001	XpressKATT-110* 100 Pr Base -No Connectors
KPD-00002	XpressKATT-110* 100 Pr Base - (48) KATT2 Connectors
KPD-00003	XpressKATT-110* 100 Pr Base - (20) KATT4 Connectors and (4) KATT 5 Connectors
KPD-00004	XpressKATT-110* 100 Pr Base - (20) KATT5 Connectors
KPD-00005	XpressKATT-110* 50 Pr Base - No Connectors
KPD-00006	XpressKATT-110* 50 Pr Base - (24) KATT2 Connectors
KPD-00007	XpressKATT-110* 50 Pr Base - (10) KATT4 Connectors and (2) KATT 5 Connectors
KPD-00008	XpressKATT-110* 50 Pr Base - (10) KATT5 Connectors
KPD-00070	XpressKATT-110* 100 Pr Base - (20) C4 Connectors and (4) C5 Connectors
KPD-00071	XpressKATT-110* 100 Pr Base - (20) C5 Connectors
KPD-00072	XpressKATT-110* 50 Pr Base - (10) C4 Connectors and (2) C5 Connectors
KPD-00073	XpressKATT-110* 50 Pr Base - (10) C5 Connectors

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com



Xpress KATT™ - 110* 1U and 2U Ring Runs

Features and Benefits

XpressKATT-110* 1U and 2U Ring Runs are used with the Molex Premise Networks Xpress KATT-110* family of products including 50 and 100 Pair Bases, Cable Management Kits, and Mounting Kits. They are easily installed by snapping onto XpressKATT-110* Mounting Poles. All XpressKATT-110* components can be purchased separately, or in convenient 300 and 600 pair kits.

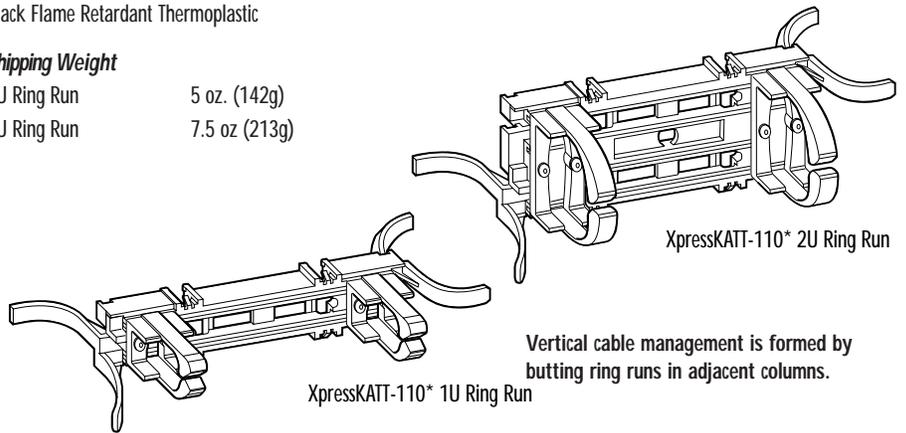
1U and 2U Ring Runs provide complete cable management using horizontal cable management rings and vertical cable retainers. The horizontal rings are the same high quality, heavy duty rings used in all of Molex Premise Networks' cable management panels. Vertical cable management is formed when two or more columns of rings and blocks are butted together.

Material and Color

Black Flame Retardant Thermoplastic

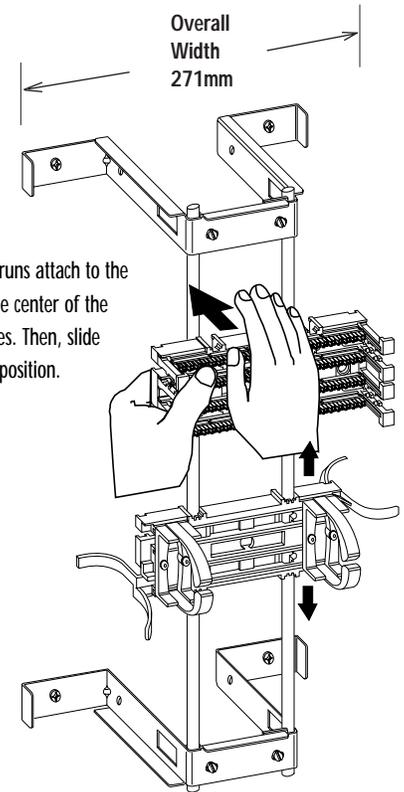
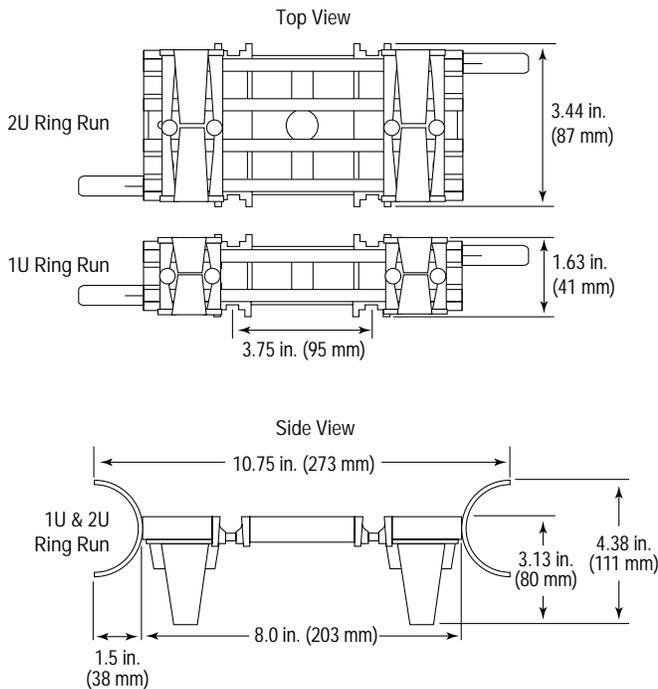
Shipping Weight

1U Ring Run 5 oz. (142g)
2U Ring Run 7.5 oz (213g)



Vertical cable management is formed by butting ring runs in adjacent columns.

Dimensions



ORDERING INFORMATION

Order No.	Description
KPD-00010	XpressKATT-110* 1U Ring Run
KPD-00009	XpressKATT-110* 2U Ring Run

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.com.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com



**Xpress KATT™ - 110*
Cable Management Kits**

Features and Benefits

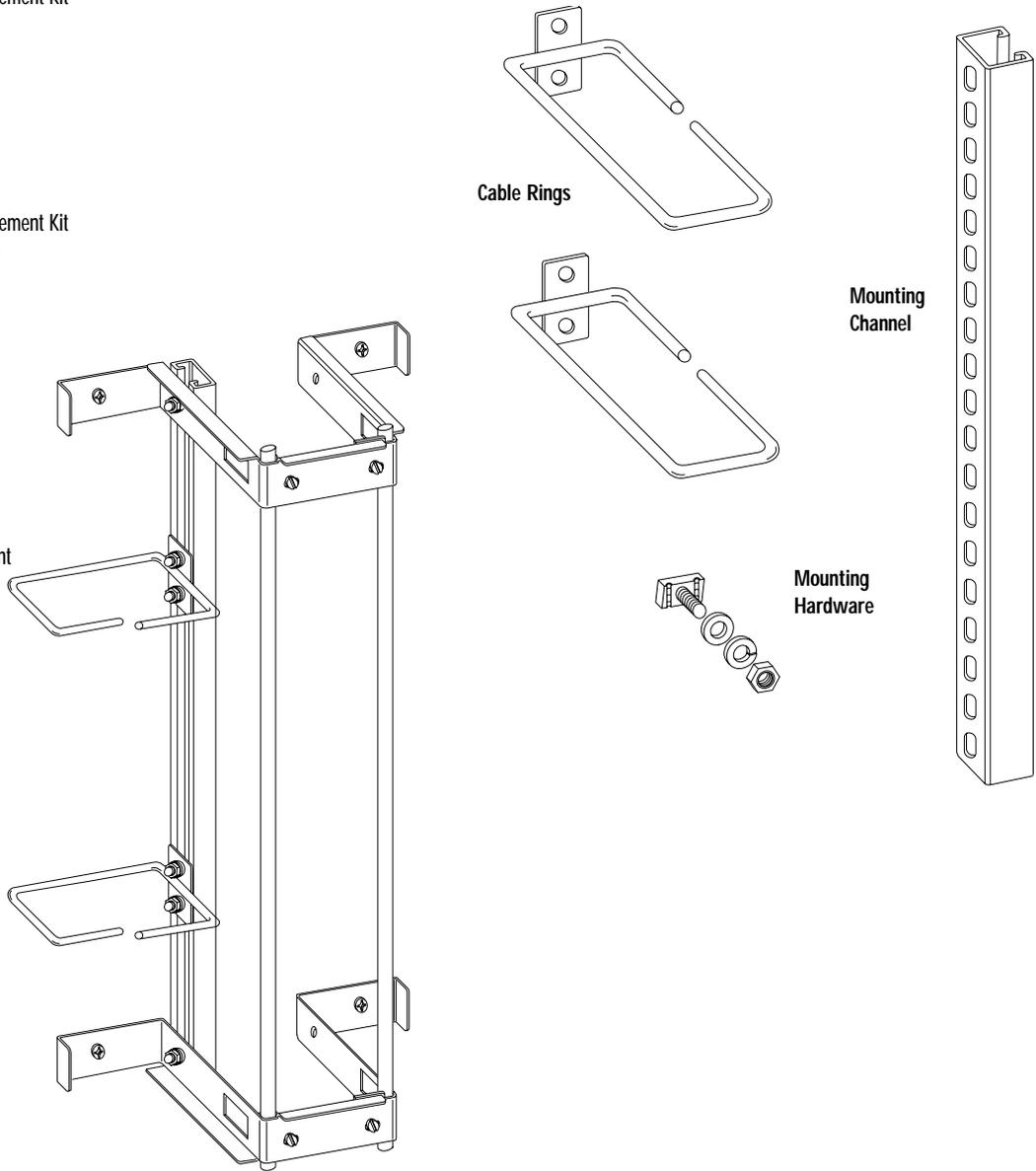
Included Items - 300 Pair Cable Management Kit

- (2) Cable Rings (100mm L x 50mm W)
- (1) Mounting Channel (533mm)
- (6) Stud Nuts
- (6) Flat Washers
- (6) Lock Washer
- (6) Hex Nuts

Included Items - 600 Pair Cable Management Kit

- (3) Cable Rings (100mm L x 50mm W)
- (1) Mounting Channel (1016mm)
- (8) Stud Nuts
- (8) Flat Washers
- (8) Lock Washers
- (8) Hex Nuts

The XpressKATT-110* Cable Management Kit is attached at the ends of a group of system sections to provide vertical cable management



ORDERING INFORMATION

Order No.	Description
KPD-00015	XpressKATT-110* 300 Pair Cable Management Kit
KPD-00016	XpressKATT-110* 600 Pair Cable Management Kit

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.co.uk

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com



**Xpress KATT™ - 110*
Mounting Kit**

Features and Benefits

Molex Premise Networks' 5U and 10U Mounting Kits are part of the XpressKATT-110* family including 50 and 100 Pair Bases, Ring Runs, and Cable Management Kits. Components are easily installed by snapping onto XpressKATT-110* Mounting Poles. To install, simply attach the poles to the brackets and fasten the brackets to a back-board or mounting channels.

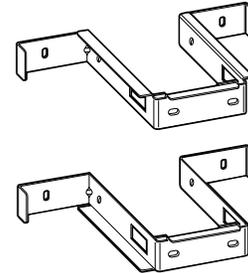
XpressKATT-110* Mounting Channels aid in horizontal alignment of system sections. KPD-00017 is used with a 300 Pair System Section and includes two mounting channels. KPD-00018 is used with a 600 Pair System Section and includes three mounting channels.

Shipping Weights

KPD-00011 - 300 Pr Kit	(952 g)
KPD-00012 - 600 Pr Kit	(1.36 kg)
KPD-00017 - Mtg Channels	(1.59 kg)
KPD-00018 - Mtg Channels	(2.59 kg)

Dimensions

Mounting Poles	
300 Pair Kit	(530 mm) L x (12.7mm dia.)
600 Pair Kit	(1000 mm) L x (12.7mm dia.)
Mtg Channels	(1016mm) L x (22mm) H



Part No. Description

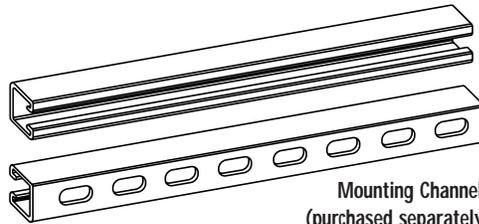
KPD-00011	5U 300 Pair Mounting Kit
KPD-00012	10U 600 Pair Mounting Kit

Parts List for 300 Pair Mounting Kits

- (2) Mounting Brackets
- (2) Mounting Poles (530mm)
- (4) Slotted Screws

Parts List for 600 Pair Mounting Kits

- (3) Mounting Brackets
- (2) Mounting Poles (1000mm High) / (1095mm Medium Kit) / (1325mm Low Kit)
- (6) Slotted Screws



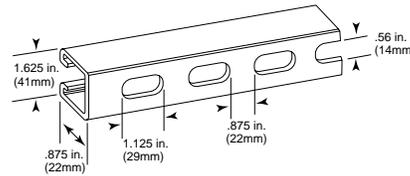
**Mounting Channels
(purchased separately)**

Parts List for KPD-00017 - 2/PKG Mounting Channels

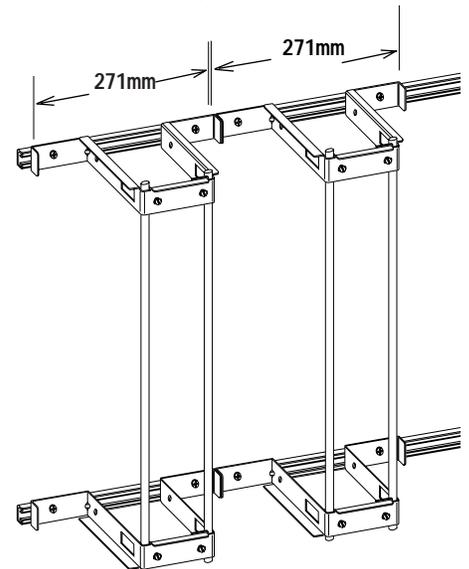
- (2) Mounting Channels
- (12) Hardware Sets (stud nuts, washers, hex nuts)

Parts List for KPD-00018 - 3/PKG Mounting Channels

- (3) Mounting Channels
- (18) Hardware Sets (stud nuts, washers, hex nuts)



XpressKATT-110* Mounting Channels aid in horizontal alignment of system sections.



ORDERING INFORMATION

Order No.	Description
KPD-00011	XpressKATT-110* High Density 300 Pair Mounting Kit
KPD-00012	XpressKATT-110* High Density 600 Pair Mounting Kit
KPD-00017	XpressKATT-110* Mounting Channels (2/pkg)
KPD-00018	XpressKATT-110* Mounting Channels (3/pkg)
KPD-00024	XpressKATT-110* Medium Density 600 Pair Mounting Kit
KPD-00025	XpressKATT-110* Low Density 600 Pair Mounting Kit

MOLEX PREMISE NETWORKS

Molex Premise Networks
Corporate Headquarters
Tel: 603 324 0200
www.molexpn.com

Western Europe
Headquarters
Tel: 44 (0) 1489 572111
www.molexpn.com

Eastern Europe
Headquarters
Tel: 48 22 36 92 51
www.molexpn.com.pl

Asia Headquarters
Tel: 852 2637 3759
www.molexpn.com.hk

South Pacific
Headquarters
Tel: 613 9971 7111
www.molexpn.com.au

Molex Incorporated
Tel: 630 969 4550
www.molex.com