Molex Premise Networks

Structured Cabling Systems

molex®   For more information, please see the last page of the catalog for the location nearest you or contact:

FEATURES AND SPECIFICATIONS

PREMISE NETWORKS
A Division of Molex

Structured Cabling Solutions

Molex Premise Networks designs and manufactures systems and components dedicated to the integration of physical layer networking solutions for high speed communications cabling. As a premium physical solutions provider, Molex Premise Networks offers innovative Structured Cabling Solutions to customers worldwide and allows our customers to meet the dynamic challenges of today's networked society.

Headquartered in Hudson, New Hampshire, USA, Molex Premise Networks has integrated regional operations in the United Kingdom, Poland, Australia, and Hong Kong.

In addition to 20 sales offices covering the United States and Latin America, Molex Premise Networks has sales offices in France, Germany, Hungary, India, South Africa, Japan, Korea, China, and Malaysia.

The following pages contain a sample of our Structured Cabling products. All products listed in this section include part numbers for each of the Molex Premise Networks regions in which they can be purchased. US = United States, AU = Australia, PL = Poland, and UK = England. For your nearest Molex Premise Networks representative, distributor, or to receive a full-line Molex Premise Networks catalog, please contact one of the Molex Premise Networks offices below.

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Molex Premise Networks

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45 x 45MM MODULES

- Legrand bezel compatible
- Shuttered
- The 45.00 x 45.00mm (1.772 x 1.772") and 22.50 x 45.00mm (.886 x 1.772") modules have been designed specifically to be compatible with the Legrand 45.00 x 45.00mm (1.772 x 1.772") bezel.
- Molex Premise Networks KATT RJLP RJ as connector

| Order No.		Description
PL	UK	
16.A0012	16.A0012	22.5 x 45mm Blank, M1, White
	MLG-00001-02	PowerCat (C5e) 45 x45mm Module, RJLP shuttered, White, UTP
16.1B.011.A1032	MLG-00002-02	PowerCat (C5e) 22.5 x 45mm Module, RJLP shuttered, White, UTP
	MLG-00004-02	PowerCat (C5e) 22.5 x 45mm Module, RJLP shuttered, White, FTP
	MLG-00005-02	PowerCat (C5e) 45 x45mm Module, RJLP shuttered, White, FTP
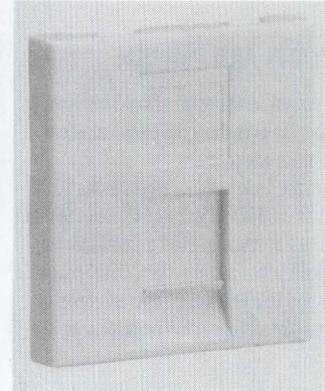
MOD-CLIP

- Developed for the Asia Pacific market, MOD-Clip has proven to be an extremely versatile outlet, compatible with a number of commercially available wall plates. Up to 6 MOD-Clip outlets may be fitted onto a standard size wall plate and oriented horizontally or vertically. MOD-Clip is a compact outlet facilitating installing in shallow and hard to get at locations.

AU Order No.	Description
MMC-00001-0X	PowerCat 568B UTP Jack
MMC-00001-0X	PowerCat 568B UTP Jack
95.C0042	1 Gang MOD-Clip Snap On Bezel
95.C0052	1 Gang Std Rectangular MOD-Cllip Wall Plate (Pacific)
95.C0062	2 Gang Std Rectangular MOD-Cllip Wall Plate (Pacific)
95.C0072	3 Gang Std Rectangular MOD-Cllip Wall Plate (Pacific)
95.C0082	4 Gang Std Rectangular MOD-Cllip Wall Plate (Pacific)
95.C0092	1 Gang Square BT Standard MOD-Clip Wall Plate (SE Asia)
95.C0102	2 Gang Square BT Standard MOD-Clip Wall Plate (SE Asia)

Note: Color options for Jacks. Replace X with one of the following color codes: 2 = White, 4 = Black, 5 = Ivory, 8 = Gray, C = Red, H = Blue, K = Yellow
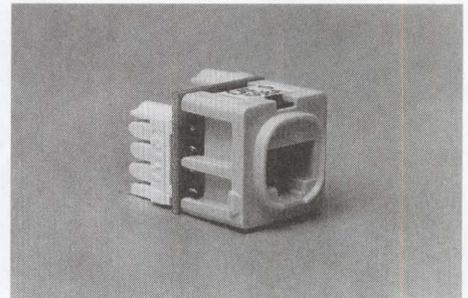
601 CONNECTION BOX

- The 601 Fiber series wall mount system interface products are compact units for optical fiber. The ST and Duplex SC versions have a capacity for up to either 6 or 8 ports.
- The enclosures are made of white, rugged plastic and have a low profile, yet provide the proper internal fiber management to ensure the integrity of the optical network. There is also provision for a user-supplied seal for added security.

Order No.	Description
WFR-00009-02	6 Ports, ST, unloaded
WFR-00010-02	6 Ports, ST, MM, loaded
WFR-00011-02	6 Ports, ST, SM loaded
WFR-00024-02	8 Ports, ST, unloaded
WFR-00025-02	8 Ports, ST, MM, loaded
WFR-00026-02	8 Ports, ST, SM loaded
WFR-00027-02	8 Ports, Duplex SC, unloaded
WFR-00028-02	8 Ports, Duplex SC, MM, loaded
WFR-00029-02	8 Ports, Duplex SC, MM, loaded
WFR-00015-02	24 Ports, MTP, loaded
WFR-00030-02	6/12 Ports, OptoClip II/MTRJ, unloaded, Simplex SC
WFR-00036-02	6 Ports, OptoClip II, MM, loaded
WFR-00037-02	6 Ports, OptoClip II, SM, loaded

Molex Premise Networks

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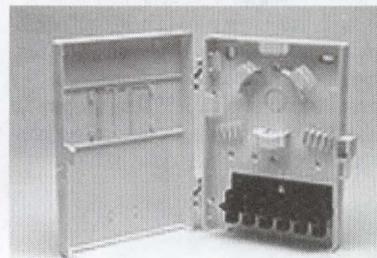
Office/Workstation Products

Molex Premise Networks recognizes the variations in product standards throughout the world. In order to provide a global solution for the office/workstation environment, Molex Premise Networks has three premier wall plate families. The USOII family of mountings and modules satisfies most of North and South America.

For the European sector, Molex Premise Networks provides our EUROMOD family with a number of country-specific face plates and modules. And, for Asia Pacific, we offer MOD-Clip, a modular outlet accomodated by many different wall plates used in the region.

USOII WALL PLATES AND MODULES

■ The USOII outlet system combines great looks with snap-in modularity to meet the ever-changing communications needs of today's office environment.

■ USOII modules are the basic building blocks in the USOII system. They can be used with USOII wall plates bezels and work group interface products to build a smart-looking, versatile, multimedia office outlet system. USOII bezels fit all standard US1 and US2 wall boxes; and full range of USOII modules handles all connection requirements.

Order No.	Description
WUS-00001-0X	USO II Single Gang Bezel - alpha icons
WUS-00002-0X	USO II Double Gang Bezel - alpha icons
WUS-00003-0X	USO II Single Gang Bezel - telcom icons
WUS-00004-0X	USO II Double Gang Bezel - telcom icons
MUS-00029-0X	Cat 5e Sgl Module 8W 568B/A
MUS-00020-0X	Cat 5e Sgl Module 8W 568B/A w/shutter
MUS-00030-0X	Cat 5e Dbl Module 8W 568B/A
MUS-00021-0X	Cat 5e Dbl Module 8W 568B/A w/shutter
MUS-00039-XX	1 BNC Module
MUS-00040-XX	2 BNC Module
MUS-00041-XX	1 BNC / 1 F Video Module
MUS-00042-XX	1 F Video Module
MUS-00060-XX	2 F Video Module
MUS-00049-XX	1 S Video Module
MUS-00056-XX	1 S+ Video Module
MUS-00051-XX	Dual Audio Module
MUS-00055-XX	Dual A+ Audio Module
MUS-00043-XX	Dual 8W Feedthru Module
MUS-00061-XX	IBM Data Conn (2U) Module
MUS-00062-XX	IBM Data Conn Unloaded (2U) Module
MUS-00044-XX	FDDI Module
MUS-00063-XX	2 ST SM Module
MUS-00038-XX	2 ST MM Module
MUS-00045-XX	SC/SC SM Module
MUS-00048-XX	SC/SC MM Module
MUS-00046-XX	ST/SC MM Module
MUS-00047-XX	ST/SC SM Module
MUS-00050-XX	SC/SC SM w/shutter Module
MUS-00052-XX	SC/SC MM w/shutter Module
MUS-00053-XX	ST/SC MM w/shutter Module
MUS-00054-XX	ST/SC SM w/shutter Module
MUS-00064-XX	2 ST MM Angled (2U) Module
MUS-00065-XX	2 ST SM Angled (2U) Module
MUS-00066-XX	FDDI Angled (2U) Module

Order No.	Description
MUS-00073-XX	3 Duplex SC SM Module
MUS-00074-XX	3 Duplex SC MM (2U) Module
MUS-00075-XX	3 Duplex ST to SC MM (2U) Module
MUS-00071-XX	6 ST SM (2U) Module
MUS-00072-XX	6 ST MM (2U)
MUS-00067-XX	1 Duplex SC SM Angled (2U)
MUS-00068-XX	1 Duplex SC/SC MM angled (2U) Module
MUS-00069-XX	1 Duplex ST to SC SM Angled Module
MUS-00070-XX	1 Duplex ST to SC MM Angled (2U) Module
MUS-00014-XX	1 Duplex SC SM Angled Module
MUS-00015-XX	1 Duplex SC MM Angled w/shutter Module
MUS-00016-XX	1 Duplex ST to SC SM Angled w/shutter (2U) Module
MUS-00017-XX	1 Duplex ST to SC MM Angled w/shutter (2U) Module

Replace XX with one of the following color options:
01= Almond, 02=White, 04=Black, 08=Light Gray
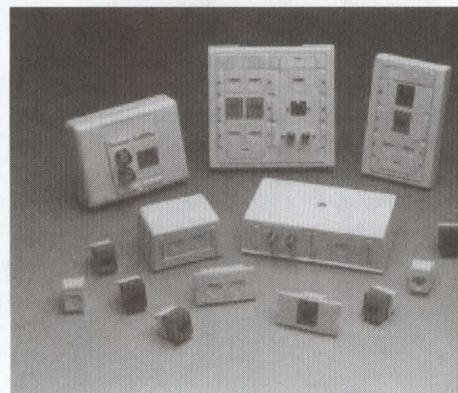
DATAGATE® JACKS

■ DataGate jacks snap into special fascias to allow outlet customizing and retrofit right in the field. Made of rugged PC/ABS plastic, the jacks provide full protection from dust and contamination. DataGate jacks are UL listed, CSA approved and UL qualified to TIA 568B/A for Category 5e and proposed CAT 6 transmissions. The jacks are available in eleven additional colors for color-coding outlets.

Order No.	Description
KSJ-00011-XX	Cat 6 shuttered module
KSJ-00001-XX	Cat 5e DataGate jack 8W 568B/A w/shutter
KSJ-00002-XX	Cat 5e DataGate jack 8W 568B/A

Replace XX with the desired color option:
01=Almond, 02=White, 04=Black, 05=Ivory, 08=Light Gray, RD=Red, BL=Blue, GR=Green, RG=Orange, YL=Yellow, PP=Purple
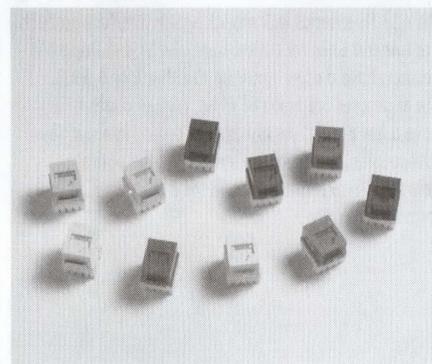
SYNERGY

Synergy is an industrially designed family of wall plates providing a sleek, curved, and low profile appearance. Its slim, rounded contours offer an aesthetically pleasing style that fits even the most contemporary of high-technology office atmospheres.

The Synergy family blends optimum functionality with its unique design by offering convenient features such as tamper-proof rear-loading, hinged screw caps to prevent misplacement, and clear, concise labeling options.

- Low profile for inconspicuous network connecting
- Clear concise labeling
- Rear loading to reduce tampering
- Hinged screw caps prevent misplacement
- Accomodates DataGate jacks—available in 11 colors
- 5 wall plate colors available

Order No.	Description
WSY-00003-XX	3 Port WP-Synergy Icons
WSY-00002-XX	4 Port WP-Synergy Icons
WSY-00004-XX	4 Port M/M WP-Synergy Icons
WSY-00001-XX	6 Port WP-Synergy Icons
MSY-00002-XX	1 F Video Module
MSY-00010-XX	1 Audio (RCA)
MSY-00024-XX	Dual BNC
MSY-00006-XX	Dual A Plus Audio
MSY-00007-XX	1 S Plus Video
MSY-00020-XX	2 ST-MM
MSY-00021-XX	2 ST-SM

Replace XX with the desired color option:
Wall Plate—01=Almond, 02=White, 04=Black, 05=Ivory, 08=Light Gray
Module—01=Almond, 02=White, 04=Black, 05=Ivory, 08=Light Gray,
RD=Red, BL=Blue, GR=Green, RG=Orange, YL=Yellow, PP=Purple
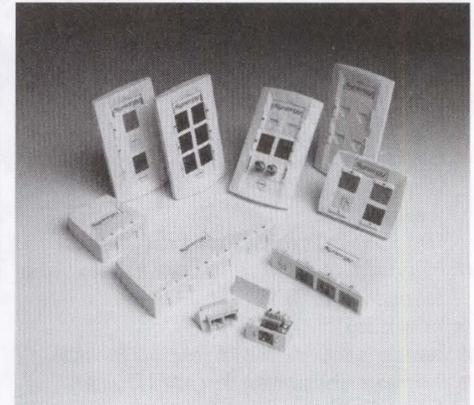
THE EUROMOD RANGE

- The EUROMOD system of wallplates and bezels provide a flexible and versatile method of installation and is designed for use in European countries. This modular system offers a wide range of wallplates, bezels, and modules that allow the user to install as many or as few data outlets as required. EUROMOD allows various data modules to snap into the 50.00 x 50.00mm (1.968 x 1.968") or 100.00 x 50.00mm (2.953 x 3.937") aperture using a bezel style appropriate to the country.
- The EUROMOD modules are fully assembled units featuring the Molex Premise Networks PowerCat Category 5e RJLP connector and a 25.00 x 50.00mm (.984 x 1.968") fascias, shutter and sping assembly. Molex Premise Networks' unique patented RJLP FJ45 connector offers a low profile, space saving design that enables installation in shadow back-boxes and trunking. Available in UTP, FTP and STP variants.

| OrderNo.			Description
AU	PL	UK	
17-1B-011A0042	17-1B-011-A0042	17-1B-011A0042	Module UTP RJ45 568B white
MEU-00019-02	17-1B-011-A0042	MEU-00019-02	Angled module UTP RJ45 568B white
MEU-00020-02	17-1B-011-D0052	MEU-00020-02	Module FTP RJ45 568B white
MEU-00039-02	17-1C-011-D0015	MEU-00039-02	Angled module FTP RJ45 568B white
MEU-00003-02	17-1C-011-D0035	MEU-00003-02	Module STP RJ45 568B white
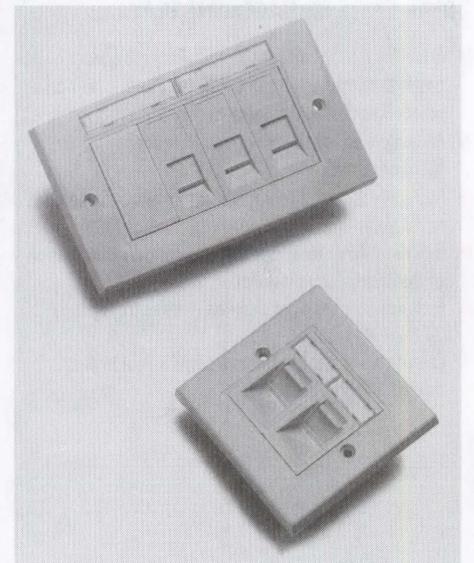
Communications Cabling Closet Products

CATEGORY 5E HD PATCH PANELS

- The Molex Premise Networks high density IDC Patch Panel is a versatile and economical means for cross connecting between trunk and horizontal cabling
- Available in 16, 24, and 48 channel versions
- Optional Rear Cable Management Tray available
- Exceeds UL, TIA, and ISO performance and safety requirements
- Uses Molex Premise Networks' proven IDC contacts:
  Low insertion force
  Simple to terminate
  Compatible with Krone and Lucent termination tools
- Power Sum compliant for cleaner signals and reduced near end cross-talk (NEXT)
- Tested to 350 MHz
- Designed to eliminate short link resonance problems
- Designed to minimize delay skew critical to parallel transmission scheme applications
- Exceed the performance specified by TSB-67 channel and basic link limits

| Order No.				Description
US	AU	PL	UK	
	PID-00014	special order		Patch 16-Port 568B PowerCat
	PID-00013	special order		Patch 16-Port 568A PowerCat
PID-00001	PID-00001	27.1B.241. A005G	27.1B.241. A005G	Patch 24-Port 568B PowerCat
PID-00004	PID-00004	27.1B.241. B100G		Patch 24-Port 568A PowerCat
PID-00002	PID-00002	27.1B.481. B100G		Patch 48-Port 568B PowerCat
PID-00005	PID-00005	special order		Patch 48-Port 568A PowerCat
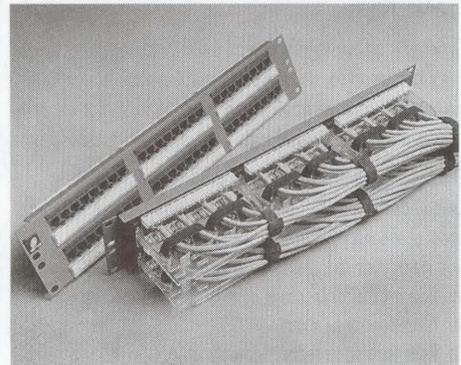
Molex Premise Networks HD Patch Panels offer enhanced performance over Category 5e products.

REAR CABLE MANAGEMENT TRAY

- Achieving a fully Category 5e compliant cable plant is easier than ever when you use Molex Premise Networks' unique Rear Cable Management Tray
- Add on option for Molex Premise Networks' IDC patch panels
- Features cable bend radius guides that ensure adherence to TIA guidelines
- Includes Velcro® tie-wraps that prevent over-compression of the cables during installation
- Each tray services eight channels—three trays per 24 channels required
- Constructed of clear Lexan that permits light to pass through dimly lit areas

Order No.			Description
US	AU	UK	
25.B0410	25.B0410	25.B0410	Rear Cable Management Tray- 3/pkg
	25.C020		Rear Cable Management Tray- 2/pkg

Molex Premise Networks
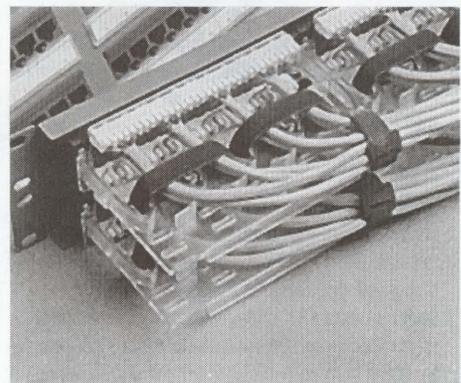
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SLIDING SHIELDED PATCH PANELS - 16 AND 24 PORT POWERCAT

■ The Sliding Shielded Patch Panel is a two part sliding drawer which allows access for installation, termination, and maintenance. Cable support is provided in three positions for added strength and full 360 degree shielding is achieved with a braided foam strip on each half of the panel. A single label holder simplifies the identification of the channels.
■ 16 or 24 ports in 1U of rack height
■ Fully shielded overall
■ Modular (2 ports per PCB)
■ 586A and 586B wiring

UK Order No.	Description
PID-00019	24 Port, PowerCat, Graphite
PID-00026	16 Port, PowerCat, Graphite
85403-1310	24 Port, PowerCat, RAL 7032
85403-1104	16 Port, PowerCat, RAL 7032

Note: Available from Molex Premise Networks UK only
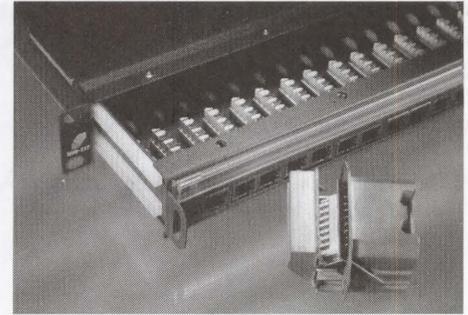
KATT PREMISES DISTRIBUTION SYSTEM (PDS)

Molex Premise Networks' KATT MKII Connector is a high-performance IDC capable of providing all your voice and data interconnect needs. It has been independently tested to EIA/TIA 568A to assure a gas tight, Category 5e channel and link connection up to 1000 Mpbs.

Requiring less than half the insertion force of similar connectors, the KATT connector utilizes unique "V8" termination which decreases installer fatigue and installation time while also increasing termination tool life. The connector has 20% greater wire retention than similar IDCs and has the ability to terminate two wires in the top IDC to daisy chain connections for voice and structured bus applications.

| Order No.	Description
KPD-00026	100 PR BLOCK NO LEGS
KPD-00035	100 PR BLOCK NO LEGS 24 K4'S
KPD-00036	100 PR BLOCK NO LEGS 20 K5'S
KPD-00027	100 PR BLOCK
KPD-00029	100 PR BLOCK 24 K4'S
KPD-00030	100 PR BLOCK 20 K5'S
KPD-00028	300 PR BLOCK
KPD-00041	300 PR BLOCK 72 K4'S
KPD-00042	300 PR BLOCK 60 K5'S
36.B040G	3U PANEL
36.B020G	3U PANEL W/K4
36.B029G	3U PANEL W/K5
36.B022G	4U PANEL
36.B023G	4U PANEL W/K4
36.B028G	4U PANEL W/K5
KPC-00066	KPC 1PR 3FT 10-PKG
KPC-00067	KPC 1PR 7FT 10-PKG
KPC-00068	KPC 1PR 10FT 10-PKG
KPC-00069	KPC 1PR 15FT 10-PKG
KPC-00070	KPC 2PR 3FT 10-PKG
KPC-00071	KPC 2PR 7FT 10-PKG
KPC-00072	KPC 2PR 10FT 10-PKG
KPC-00073	KPC 2PR 15FT 10-PKG
KPC-00001	KPC 4PR 3FT 10-PKG
KPC-00002	KPC 4PR 7FT 10-PKG
KPC-00003	KPC 4PR 10FT 10-PKG
KPC-00004	KPC 4PR 15FT 10-PKG
KPC-00074	KPC 4PR TO RJ45 3FT 10-PKG
KPC-00075	KPC 4PR TO RJ45 7FT 10-PKG
KPC-00076	KPC 4PR TO RJ45 10FT 10-PKG
KPC-00077	KPC 4PR TO RJ45 15FT 10-PKG
KPD-00043	100 PR BLOCK NO LEGS 24 C4'S
KPD-00044	100 PR BLOCK NO LEGS 24 C4'S
KPD-00060	3U PANEL W/C4
KPD-00061	3U PANEL W/C5
KPD-00062	4U PANEL W/C4
KPD-00063	4U PANEL W/C5
KPD-00045	100 PR BLOCK 24 C4'S
KPD-00046	100 PR BLOCK 20 C5'S
KPD-00047	300 PR BLOCK 72 C4'S
KPD-00048	300 PR BLOCK 60 C5'S
36.B0060	MKII-4 Connectors (100)
36.B0260	MKII-5 Connectors (100)

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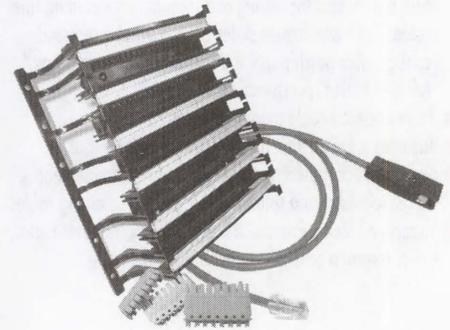
Fiber Optics

MODLINK™

Installing fiber-optic systems is quick, easy and cost-effective with ModLink. Because field termination is not required, there is no need for special termination tool and training. Simply plug the cable in and the link is operational. This is also an excellent solution for disaster recovery and fast-track installs.

- ModLink cables and cassettes are factory tested and shipped with complete optical test results for each unit.
- Multi-fiber ribbon cable terminations put all fibers in one MTP connector for easier cable management
- Rack or wall-mounted enclosures for multiple applications including premises backbones, consolidation points and OFTD

Order No.	Description
86293-2XXX	12-fiber 62.5mm ModLink cable
CFR-04XXX	12-fiber ModLink Cable SM
86293-06XXX	12 Fiber 50.00mm ModLink Cable
PFR-00012	62.5mm MTP12/ST
PFR-00018	SM MTP 12/ST
PFR-00021	62.5mm MTP12/DSC
PFR-00027	SM MTP 12/DSC
PFR-00030	62.5mm MTP12/MT-RJ
PFR-00032	62.5mm 2MTP12/MT-RJ
PFR-00042	SM 2MTP12/MT-RJ
RFR-00071	1U Open Bracket
RFR-00072	1U Enclosure
RFR-00074	4U Enclosure/Lexan Door
WFR-00039	16" x 16" Wall Mount

24 PORT FMS TERMINATION DRAWER

- The 24 Port FMS Termination Drawer is a 1U configurable rack mount unit for storing and terminating incoming fiber cable. The front drawer slides out to reveal a recessed configurable patch panel that accepts up to four 6-Pak/Adapter Plates (purchased separately)
- Fully enclosed cable management area
- Includes a keyed lock for optimum security
- Includes rack mounting hardware, cable management rings, labeling, and split tubing to protect incoming cables
- Accepts all Molex Premise Networks 6-Pak/Adapter Plates, most common configurations listed in the table

| Order No.				Description
US	AU	PL	UK	
17.B155G	17.B155G	special order	17.B155G	24 Port FMS termination drawer
15-303-MM	15-303-MM	special order	15-303-MM	6-Pak ST plate - MM
15-303-SM	15-303-SM	special order	15-303-SM	6-Pak ST plate - SM
15.B0184	15.B0184	special order	15.B0184	6-Pak SC plate - MM
15.B0354	15.B0354	special order	15.B0354	6-Pak SC plate - SM
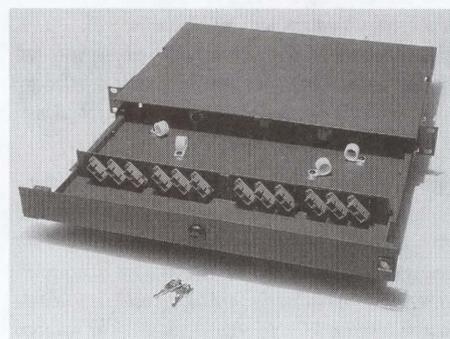
FMS PLUS

FMS Plus is a series of configurable patching and/or splicing units that are available in seven styles to accommodate between 48 and 144 fibers. Single units (4 rack positions) include 48 and 72 fiber patch units and a 72 fiber splice unit. The combination patching/splicing units are double high (8 rack positions) for applications where patching and splicing is required.

- Fully configurable using Molex Premise Networks 6-Pak/Adapter plates.
- Accomodates multiple connector and fiber types within a single enclosure.
- Available with fully lockable steel doors where security is a primary concern.
- Easy to use and apply labeling.
- Holds up to six Universal Splice Trays that adapt for either fusion or mechanical splices.
- Splicing and patching can occur within the same unit.
- Low profile design allows a maximum of fiber termination in a minimum of rack space.
- Multiple cable access holes with grommets to protect incoming cables and cap for unused holes.

Order No.	Description
RFR-00027	FMS Plus 72 Fiber Patch Panel w/metal door (4U)
RFR-00028	FMS Plus 72 Fiber Patch/Splice Panel w/metal door (8U)
RFR-00031	FMS Plus 72 Fiber Patch Panel w/metal door (4U)
RFR-00033	FMS Plus 144 Fiber Patch Panel w/metal door (8U)
RFR-00034	FMS Plus 72 Fiber Patch Panel w/smoked plexi door (4U)
RFR-00035	FMS Plus 72 Fiber Patch/Splice Panel w/smoked plexi door (8U)
RFR-00038	FMS Plus 72 Fiber Splice Panel w/smoked plexi door (4U)
RFR-00040	FMS Plus 144 Fiber Patch Panel w/smoked plexi door (8U)
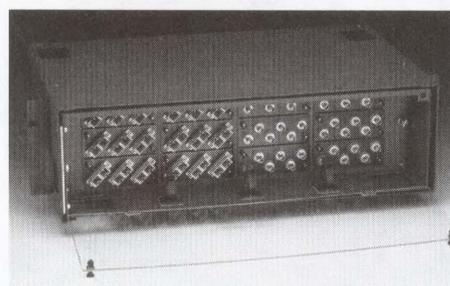
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FEATURES AND SPECIFICATIONS

Features
- 19" Standard
- Ease of change, enlargement and reconfiguration
- Ease of connection system side with utility side
- Panel accomodates up to 6 M1 Euromods (sold separately)
- Special holder provide four Splice Trays fastening
- Profiled shelf at the back allows an easy way to manage incoming cables
- Plastic holder for channel identification
- A rugged graphite, gray powder coated enclosure to protect incoming cables and connectors
- Set contains fixing screws

Technical Features
Dimensions:
Size: Width—486.00mm (19.134")
      Height—44.00mm (1.732")
      Depth—300.00mm (11.811")
Weight: 3675g
Material: Cold rolled steel
Color: Graphite

Fiber Optics

91.EU.000.D001G

19" Fibre Optic 6xEuromod M1 Panel
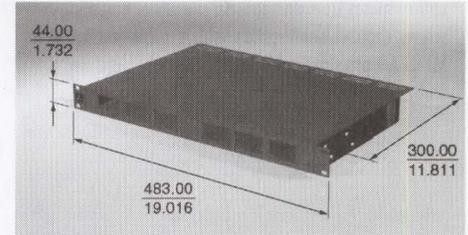
44.00
1.732

300.00
11.811

483.00
19.016

FEATURES AND SPECIFICATIONS

Features
- 19" Standard
- Ease of change, enlargement and reconfiguration
- Ease of connection system side with utility side
- Panel is equipped with six Duplex SC adapters
- Special holder provide four Splice Trays fastening
- Profiled shelf at the back allows an easy way to manage incoming cables
- Plastic holder for channel identification
- A rugged graphite, gray powder coated steel enclosure protects the incoming cables and connectors
- Set contains fixing screws

Technical Features
Dimensions:
Size: Width—486.00mm (19.134")
      Height—44.00mm (1.732")
   Depth—300.00mm (11.811")
Weight: 3675g
Material: Cold rolled steel
Color: Graphite

91.SC.120.D001G

19" Fibre Optic 6xDuplex SC, MM, Graphite
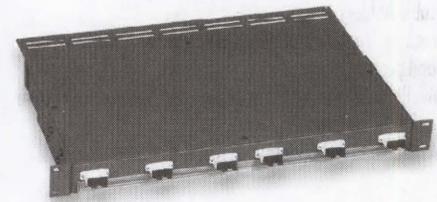
FEATURES AND SPECIFICATIONS

Features
- 19" Standard
- 24 high-quality ST adapters ensure high density of connection (sold separately)
- Ease of connection system side with utility side
- Easy to maintenance
- Profiled shelf at the back allows an easy way to manage incoming cables and to fasten them with cable ties
- Plastic holder for channel identification
- A rugged graphite, gray powder coated steel enclosure protects the incoming cables and connectors
- Set contains fixing screws

Technical Features
Dimensions:
Size: Width—486.00mm (19.134")
      Height—44.00mm (1.732")
      Depth—300.00mm (11.811")
Weight: 3795g
Material: Cold rolled steel
Color: Graphite

91.ST.240.D001G

19" Fibre Optic 24xST Unloaded Panel

44.00
1.732

300.00
11.811

483.00
19.016

Molex Premise Networks

S
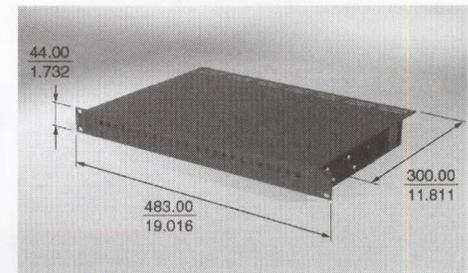
FEATURES AND SPECIFICATIONS

Features

■ New, 19" patch panel is appropriate to build optical Inter-
mediate and Main Distribution Frames. Patch panel pro-
vides high-density patching field, accepts up to 24 MT-RJ
Adapters which can accomodate 48 optical fibres in 1U
high device. Adapters are sold separately. Panel is fitted
with holders enabling fitting four Universal Splice Holders
and holders for cable management. Profiled shelf at the
rear ensures fixing points for incoming optical cables.
Clear channel identification. Rugged steel case protects
optical splices from damage. Kit consists of mounting
screws, channel identification holders, cable ties, screws for
MT-RJ Adapters and cable management holders.

Technical Features

Dimensions:
Size: Width—483.00mm (19.016")
      Height—44.00mm (1.732")
      Depth—300.00mm (11.811")
Weight: 3800g
Material: Cold rolled steel
Color: Graphite

Fiber Optics

RFR-00075

19" Fibre Optic 24 MT-RJ Unloaded 1U Panel, Graphite
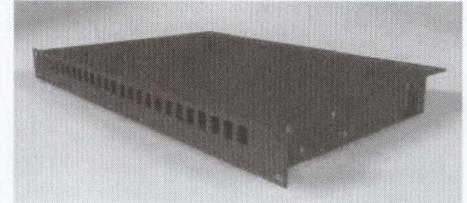
FEATURES AND SPECIFICATIONS

Features

■ Universal Wall mount Cabinet USN-32 is perfect for small
LAN application

■ Every USN-32 fits with Panel Insert, which can accomodate
up to 16 Euromod Modules M1 (it makes 32 fibres when
used with 2xST Modules) and Shelf for active equipment

■ It is possible to mount one PDS 100-pair Block instead of
Euromod Modules

■ Cable entry from top and bottom

■ Possibility of 100cm cable storage using special
cable holders

■ Locking front door provides high level of security
and protection

■ Available with extra Panel Inserts and Shelves to improve
utility of the product

■ Available in two options, full metal door and glass door

Technical Features

Dimensions:
Size: Width—308.00mm (12.126")
      Height—354.00mm (13.937")
      Depth—263.00mm (10.354")
Material: 1.00mm (.039") cold rolled steel
Color: Powder varnish, beige

RAA-00065

Universal Wall Mount Cabinet USN-32, Beige
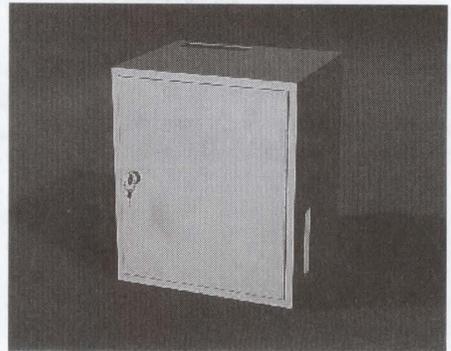
RAA-00072

## Universal Wall Mount Cabinet USN-32, Glass Door, Beige
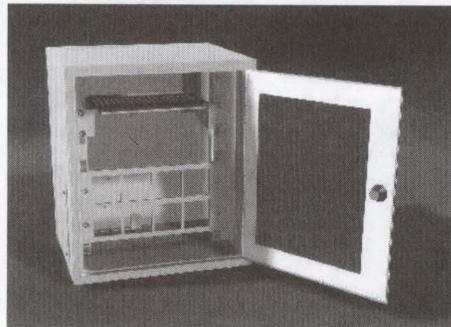
Connectors, Tools, and Test Equipment

KATT "S" SERIES TERMINAL BLOCK KATT CONNECTOR PCB

- The "S" Series KATT insulation displacement contact (IDC) is a low profile connector which is ideal for manufacturers of electronic, datacomm, and computer peripheral equipment. High corrosion resistance is maintained by the gas-tight contacts which were designed for fast and reliable PCB mounting and will accomodate 22 to 26 AWG (0.40-0.63mm) solid or stranded wire. The contacts may be reterminated up to 200 times in line with BT specification D2920. Patented retention devices prevent the connector body separating from the contacts. The connector body is a flame retardant material and is available without retention posts.
- Available in 2, 3, and 4 pair
- IDC contact accepts 2 wires for daisy chaining applications
- Low wire insertion force reduces the risk of PCB damage
- No heat-staking required
- Solder tail length compatible with industry standard 1.60mm PCB
- EIA 568A Annex A, ISO 11801 Annex B, EN 50173 Annex B compliant without retention posts

UK Order No.	Description
36.A0160	Gray, 4 Pair KATT S4, unmarked
36.A0170	Gray, 2 Pair KATT S2, unmarked
36.A0300	Gray, 2 Pair KATT S2, brown & green
36.A0310	Gray, 2 Pair KATT S2, blue & orange
36.A0320	Gray, 4 Pair KATT S4, brown, green, orange & blue
36.A0330	Gray, 4 Pair KATT S4, blue, orange, green & brown
36.A0890	Gray, 3 Pair KATT S3, unmarked
36.A0690	White, 2 Pair KATT S2, unmarked
36.A0700	White, 2 Pair KATT S2, brown & green
36.A0710	White, 2 Pair KATT S2, blue & orange
36.A0740	White, 4 Pair KATT S4, unmarked
36.A0750	White, 4 Pair KATT S4, brown, green, orange & blue
36.A0760	White, 4 Pair KATT S4, blue, orange, green & brown

Note: Available from Molex Premise Networks UK only
Note: Parts listed above have retention post for PCB mount
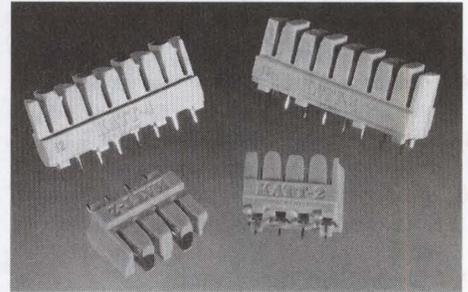
MOLEX PREMISE NETWORKS IDC PUNCH DOWN TOOL

- Molex Premise Networks termination tool is designed to provide a reliable connection at a reasonable cost. Low impact force eases strain and prevents damage to installations. The "scissor-style" cut off gives positive wire trimming even on older blocks.
- The IDC Punch Down Tool is used for terminating individual conductors on 110 and KATT IDC contacts. The Disposable Termination Tool is designed for repair use only. Rated for approximately 200 cycles.
- The KATT Loading Tool is inexpensive and designed to aid in lacing wire, loading, and terminating KATT Connectors to 100 Pair Bases. The square end of the handle pre-locates and inserts wires into the base prior to IDC termination by the KATT contact.

US	AU	PL	UK	Description
14-0400-001	14-0400-001	14-0400-001	14-0400-001	Molex Premise Networks Punch Down Tool
31-001	31-001	31-001		Punch down Tool with 110 blade
31-001-1	31-001-1	31-001-1		110 Replacement Blade
39-925				Disposable 110 Tool (rated for 200 cycles)
14-0401-001			14-0401-001	KATT Loading Tool
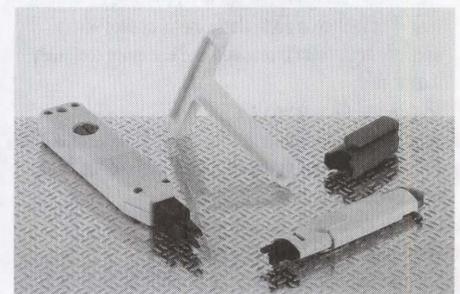
SLT3 TESTER

- Molex Premise Networks SLT3 Tester provides instant identification of the most common voice and data problems including shorts, opens, reversals, and miswires. It is available in two versions: the SLT3 is used with UTP cable and the SLT3S is used with SCTP cable.
- Accurately verifies the continuity and sequence of 1-, 2-, 3-, and 4-pair voice and data channels
- Innovative 3-in-1 design features modular jacks for testing USO, 568A, and 568B cabling systems
- Simply snap and lock master and remote together when not in use—jacks are protected and battery is disabled

| US	AU	PL	UK	Description
33-100	33-100			SLT3 Tester with 9V Battery
33.B0020	33-B0020	33.D0010		SLT3 with Carry Case
			33A-100-10	SLT3S - Shielded with 9V Battery
		33.D0020		SLT3S - Shielded with Carry Case
33-100-P	33-100-P		33-100-P	SLT3 Carry Case (only)

Molex Premise Networks
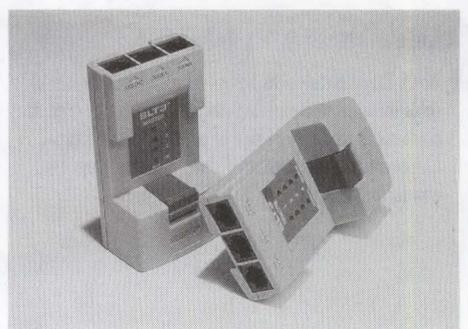
Distribution Frames and Accessories

OMEGA RACK

- Molex Premise Networks' OMEGA Rack provides a multitude of rack mounting options and cable management features
- Compatible with both 19" and 23" panels and equipment
- Increased side rail depth allows extra space for routing cables along the inside of the rack
- Side rails are slotted for using Velcro® tie wrap—preferred for securing Category 5e cables
- Top cable management trough provides required Category 5e cable bend radius management—also slotted for Velcro®
- Accomodates Molex Premise Networks' Cable Management Rings (purchased separately)

| Order No.				Description
US	AU	PL	UK	
RAA-00004		special order		OMEGA Rack
25.B0284	25.B0284	special order		1U Side Ring
25.B0364	25.B0364	special order		1U Side Ring - Deep
35.B0240		special order		18" Cable Management Straps (25/bag)
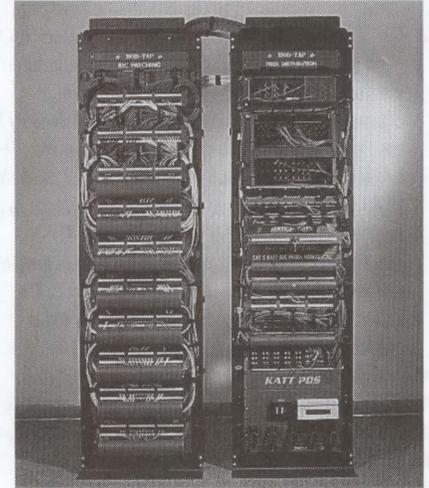
UNIVERSAL PATCHING FRAME

- The Universal Patching Frame (UPF) provides a simple cable loom support with maximum accessibility, together with a universal patch panel mounting facility. The UPF has the facility for fitting rear equipment mounting angles, and for upgrading the concept to an enclosed equipment rack. This feature is particularly useful at sites where ancillary equipment is required and enclosure continuity maintained.
- 18 arm and 42 arm versions
- Open frame maximizes access for fast and simple installation
- 19" standard allows active equipment and cabling to be accommodated in the same cabinet
- Lockable door option for added security
- Clean earth bar for shielded applications
- Slip joint construction allows the frame to be delivered in flat pack and quickly assembled

Accessories
- Shelves
- Glass doors, ventilation aids, side panels
- Rear doors, power distribution units
- Covers, Baying Kit for grouping frames

UK and AU Order No.	Description
UPF-00001	42U Open Frame Assy - 42 Arm
UPF-00017	42U Open Frame Assy - 18 Arm
UPF-00002	Front Sill Assy Kit
UPF-00003	Glass Door Assy (2 halfwidth doors)
UPF-00004	Side Cover - Left
UPF-00005	Side Cover - Right
UPF-00006	Rear Door Assy Kit
UPF-00007	Top Cover Ventilated
UPF-00008	Fan Tray - Includes 2 Fans
UPF-00009	Fan Tray - Includes 4 Fans
UPF-00010	Equipment Mounting Angles
UPF-00011	Baying Kit
UPF-00012	Bus Bar Assembly
UPF-00013	Service Shelf
UPF-00014	Modem Shelf
UPF-00015	Power Dist Unit - 10 Way Vert (UK)
UPF-00016	Power Dist Unit - 6 Way Horiz (UK)
UPF-00018	Fixed shelf - 400mm deep
UPF-00019	Fixed shelf - 600mm deep

Note: Front Sill Kit is required when fitting doors and side covers

CABLE MANAGEMENT PANELS

- Molex Premise Networks has an extensive assortment of cable management and ring run panels to neatly organize patch cords on the front side of patching fields. Rugged black rings are mounted on a steel, graphite grey, powdercoated panel.

Order No.				Description
US	AU	PL	UK	
25.B016G	25.B016G	25.A017G	25.A016G	1 Position Ring Run Panel
25.B013G	25.B013G	25.A013G	25.A013G	2 Position Ring Run Panel
25.B058G	25.B058G	special order		2 Position Double Density Ring Run Panel
25.B059G	25.B059G	special order		2 Position Front and Rear Ring Run Panel