Certified Network

Molex

Patchpanels Copper Loaded

Patchpanel shielded 24 ports for keystones with cable management bar

- Easy snap in UTP and FTP Keystone (sold separately)
- Removable cable management shelf ensure bend radius compliance
- Front port labeling

Type no.	Manufacturer no.	Description
MX8166	PID-00257	Patchpanel shielded 24 ports for keystones with cable management bar

Molex PowerCAT 6 unshielded patchpanel 24 ports Datagate

The PowerCat 6 patchpanel features the shuttered DataGate™ connector. This connector provides a unique spring loaded shutter that not only protects it from dust and contaminates, but it also ejects improperly seated patch cords. This panel is supplied with a rear cable management tray for cable strain relief and neat cable dressing. Port numbering is provided on the front and rear of the panel and individual ports may be colour coded using connector icon labels for site specific network administration.

- DataGate? connectors features a unique spring loaded shutter that protects against dust.
- Integral cable management shelf ensure bend radius compliance
- EIA 568A/B colour coded
- ETL Verified

Technical specifications

Shielding type   : Unshielded

Type no.	Manufacturer no.	Description
MX0003	PID-00141	Ports: CAT6 24 x RJ-45 unshielded

Molex PowerCAT 6A shielded patchpanel 24 ports Datagate

The PowerCat 6A Shielded Patch Panel features the unique DataGate™ Shielded connector. This shielded connector offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilising robust die-cast zinc alloy connector body housing. This shielded connector also features a unique spring loaded shutter that not only protects against dust and contaminates, but also eliminates the risc of improperly seated patch cords. The shielded connector is dual colour coded for either 568A or 568B wiring schedules. The DataGate PowerCat 6A Shielded connector is specifically developed for high-speed data transmission; designed to exceed the highest electrical performance standards in the industry. The DataGate PowerCat 6A Shielded connector is backwards compatible with Shielded C6 and C5e systems.

- DataGate ? connectors features a unique spring loaded shutter that protects against dust.
- Integral cable management shelf ensure bend radius compliance
- EIA 568A/B colour coded
- ETL Verified

Technical specifications

Shielding type   : Shielded

Type no.	Manufacturer no.	Description
MX0001	PID-00217	Ports: CAT6A 24 x RJ-45 Shielded

Molex PowerCAT 6 shielded patchpanel 24 ports Datagate

The PowerCat 6 patchpanel features the shuttered DataGate™ connector. This connector provides a unique spring loaded shutter that not only protects it from dust and contaminates, but it also ejects improperly seated patch cords. This panel is supplied with a rear cable management tray for cable strain relief and neat cable dressing. Port numbering is provided on the front and rear of the panel and individual ports may be colour coded using connector icon labels for site specific network administration.

- DataGate™ connectors features a unique spring loaded shutter that protects against dust.
- Integral cable management shelf ensure bend radius compliance
- EIA 568A/B colour coded
- ETL Verified

Technical specifications

Shielding type   : Shielded

Type no.	Manufacturer no.	Description
MX0038	PID-00182	Ports: CAT6 24 x RJ-45 shielded

Molex PowerCAT 5E unshielded patchpanel 24 ports Datagate

The PowerCat 5E patchpanel features the shuttered DataGate™ connector. This connector provides a unique spring loaded shutter that not only protects it from dust and contaminates, but it also ejects improperly seated patch cords. This panel is supplied with a rear cable management tray for cable strain relief and neat cable dressing. Port numbering is provided on the front and rear of the panel and individual ports may be colour coded using connector icon labels for site specific network administration.

- Datagate™ connectors features a unique spring loaded shutter that protect against dust.
- Integral cable management shelf ensure bend radius compliance
- EIA 568A/B colour coded
- ETL Verified

Technical specifications

Shielding type   : Unshielded

Type no.	Manufacturer no.	Description
MX8033	PID-00174	Ports: CAT5E 24 x RJ-45 unshielded

Patchpanels Copper unloaded

Molex PowerCAT unloaded patchpanel 24 ports Datagate

- For Shielded or Unshielded Datagate connectors
- Datagate™ connectors features a unique spring loaded shutter that protect against dust.
- Integral cable management shelf ensure bend radius compliance

Type no.	Manufacturer no.	Description
MX8077	PID-00258	24 ports unloaded panel

Molex PowerCAT unloaded patchpanel 24 ports Datagate unshielded

- For Unshielded Datagate connectors
- Datagate™ connectors features a unique spring loaded shutter that protect against dust.
- Integral cable management shelf ensure bend radius compliance

Type no.	Manufacturer no.	Description
MX8009	PID-00254	Molex PowerCAT unloaded patchpanel 24 ports Datagate unshielded

Molex PowerCAT unloaded patchpanel 24 ports Keystone

- Accept UTP keystone jacks only
- Integral cable management shelf ensure bend radius compliance

Type no.	Manufacturer no.	Description
MX8048	PID-00210	24 ports unloaded panel

Cable management panel

Molex Ring Run Panel, 1U

Cable Management Panels provide cable dressing during installation or changes and provide an organised format for system maintenance. Panels are comprised of black Lexan rings mounted on graphite grey powdercoat panels and include mounting material.

- 1U Standard 19″ rack mount
- Robust construction.
- Flexible rings for convenient operation
- Rounded edges to prevent damage to patch cords

Type no.	Manufacturer no.	Description
MX0007	25.B016G	cable management panel 5 ring 1U

Datagate and Keystones

Molex PowerCAT 6A STP Datagate jack

The product offers superior alien crosstalk suppression, excellent insertion loss protection and enhanced electromagnetic interferance (EMI) protection. Protection is provided by utilising a robust die-cast zinc alloy connector body housing. This shielded jack features a unique spring-loaded shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords.
The product is dual colour coded for either 568A or 568B wiring schedules and is backwards compatible with Shielded C6 and C5e systems. Also available in side entry variation, ideal for use in work area outlet applications with limited back box space.

- IDC compatible with 110 & Krone tool.
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port High Density Datagate panel.
- Robust zinc die-cast housing

Technical specifications
Connector type   : RJ45
Termination type   : IDC
Cable mounting   : Straight
Compatible wire type   : Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX2036	KSJ-00062-04	Datagate CAT6A Black

Molex PowerCAT 6A shielded keystone jack, toolless

Utilising patented IDC V-shaped contacts that flex not fatigue when terminated, the RJ-45 Keystone Jack is compatible with any product that accepts the standard keystone profile

- Toolless
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port High keystone panel.
- For keystone walloutlets

Technical specifications
Connector type   : RJ45
Termination type   : IDC
Cable mounting   : Straight
Compatible wire type   : Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX8047	KSJ-00079	Molex PowerCAT 6A shielded keystone jack, toolless

Molex PowerCAT 6 UTP Datagate jack

The DataGate Jack is the cornerstone of the Molex Premise Networks PowerCat 6 System performance. This jack features a unique spring-loaded shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded
design also ejects improperly seated patch cords. The product is dual colour coded for either 568A or 568B wiring schedules and is backwards compatible with C5e systems.

- IDC compatible with 110 & Krone tool.
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port High Density Datagate panel.
- In two colors

Technical specifications
Connector type   : RJ45
Termination type   : IDC
Cable mounting   : Straight
Shielded   : No
Compatible wire type   : Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX8088	KSJ-00018-04	Datagate CAT6 Black

Molex PowerCAT 6 UTP Keystone jack

Utilising patented IDC V-shaped contacts that flex not fatigue when terminated, the RJ-45 Keystone Jack is compatible with any product that accepts the standard keystone profile

- IDC compatible with 110 & Krone tool.
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port High keystone panel.
- For keystone walloutlets

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX8089	KSJ-00033-04	Keystone CAT6 Black
MX8035	KSJ-00033-02	Keystone CAT6 White

Molex PowerCAT 5E UTP Keystone jack

Utilising patented IDC V-shaped contacts that flex not fatigue when terminated, the RJ-45 Keystone Jack is compatible with any product that accepts the standard keystone profile

- IDC compatible with 110 & Krone tool.
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port keystone panel.
- For keystone walloutlets

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX2037	KSJ-00032-02	Keystone CAT5E White
MX8034	KSJ-00032-04	Keystone CAT5E Black

Wall mounting material

Molex unloaded 2 port keystone facia with bezel 50 x 50 mm

- 50 x 50 mm angled fascia with bezel
- Integral shutters
- Protected labelling facility
- Compatible with Keystone Jacks

Technical specifications

Dimensions	: 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2049	WNC-00052-02	Molex unloaded 2 port keystone facia with bezel 50 x 50 mm

Molex PowerCAT module for Belgium

Technical specifications

Dimensions	: 22.5 x 45 mm

Type no.	Manufacturer no.	Description
MX0035	MLG-00021-02	C6 UTP 1 x RJ-45 22.5 X 45 mm

Molex PowerCAT 6A shielded 1 x RJ-45 shielded in wall module, white 50 x 50 mm, side entry

- Two Ports protected by spring loaded shutters
- Side cable entry
- 360° shielded shuttered RJ45 DataGate connector

Technical specifications
Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2047	WNC-00050-02	Molex PowerCAT 6A shielded 1 x RJ-45 shielded in wall module, white 50 x 50 mm, side entry

Molex PowerCAT 6A shielded 2 x RJ-45 shielded in wall module, white 50 x 50 mm, side entry

- Two Ports protected by spring loaded shutters
- Side cable entry
- 360° shielded shuttered RJ45 DataGate connector

Technical specifications
Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX8212	WNC-00051-02	Molex PowerCAT 6A shielded 2 x RJ-45 shielded in wall module, white 50 x 50 mm, side entry

Molex PowerCAT 6A shielded 2 x RJ-45 shielded in wall module, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications
Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX0002	WNC-00051-06	Molex PowerCAT 6A shielded 2 x RJ-45 shielded in wall module, 50 x 50 mm

Molex PowerCAT 6A Synergy surface box

- Stylish design, screw fixing
- Simple, organnised cable entry and installation
- Unloaded

Type no.	Manufacturer no.	Description
MX2035	SSY-00015-02	4 Ports unloaded
MX8103	SSY-00016-02	6 Ports unloaded

Molex PowerCAT 6A Synergy surface box

- Stylish design, screw fixing
- Simple, organnised cable entry and installation
- Unloaded

Type no.	Manufacturer no.	Description
MX8102	SSY-00014-02	2 Ports unloaded

Molex PowerCAT 6 UTP 1 x RJ45 in wall module , white, 50 x 50 mm

- One port protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2040	WNC-00030-02	Molex PowerCAT 6 UTP 1 x RJ45 in wall module , white, 50 x 50 mm

Molex PowerCAT 6 UTP 2 x RJ45 in wall module , off-white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX0004	WNC-00031-06	Molex PowerCAT 6 UTP 2 x RJ45 in wall module , off-white, 50 x 50 mm

Molex PowerCAT 6 UTP 2 x RJ45 in wall module , white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2042	WNC-00031-02	Molex PowerCAT 6 UTP 2 x RJ45 in wall module , white, 50 x 50 mm

Molex PowerCAT 6 shielded 1 x RJ-45 shielded in wall module, white, 50 x 50 mm

- One port protected by spring loaded shutters
- 360° shielded shuttered RJ45 DataGate connecto

Technical specifications

Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2043	WNC-00036-02	Molex PowerCAT 6 shielded 1 x RJ-45 shielded in wall module, white, 50 x 50 mm

Molex PowerCAT 6 shielded 1 x RJ-45 shielded in wall module, off white, 50 x 50 mm

- One port protected by spring loaded shutters
- 360° shielded shuttered RJ45 DataGate connecto

Technical specifications

Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2044	WNC-00036-06	Molex PowerCAT 6 shielded 1 x RJ-45 shielded in wall module, off white, 50 x 50 mm

Molex PowerCAT 6 shielded 2 x RJ-45 shielded in wall module, white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- 360° shielded shuttered RJ45 DataGate connector

Technical specifications

Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2045	WNC-00037-02	Molex PowerCAT 6 shielded 2 x RJ-45 shielded in wall module, white, 50 x 50 mm

Molex PowerCAT 6 shielded 2 x RJ-45 shielded in wall module, off white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- 360° shielded shuttered RJ45 DataGate connector

Technical specifications

Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2046	WNC-00037-06	Molex PowerCAT 6 shielded 2 x RJ-45 shielded in wall module, off white, 50 x 50 mm

Molex PowerCAT 5E UTP 2 x RJ45 in wall module, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX0006	WNC-00020-06	Molex PowerCAT 5E UTP 2 x RJ45 in wall module, 50 x 50 mm

Molex PowerCAT 5E UTP 2 x RJ45 in wall module, white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions   : 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2039	WNC-00020-02	Molex PowerCAT 5E UTP 2 x RJ45 in wall module, white 50 x 50 mm

Twisted Pair cable

Molex PowerCAT 7 S/FTP Solid cable

The Molex PowerCat 7 S/FTP Cable is specifically designed to support high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T). The cable is constructed of 4 screened pairs and a drain wire. This cable minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection.

- U/FTP LSZH cable
- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually screened 4 pair S/FTP LSZH cable.
- Minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic (EMI) protection.
- Transmission C7 in a 1-600Mhz range as per IEC 61156-5

Technical specifications

Shielding type   : S/FTP
Category   : CAT 7
Class   : F
Conductor material   : Copper
CPR compatible   : Yes
CPR Euroclass   : Dca,s1a,d1,a1
DoP number   : MLXCES-2017-C-0013
Wire gauge (AWG)   : 23
Conductor   : Solid
Cable diameter   : 7.00 mm
Outer jacket   : LSZH
Bandwidth   : 600.00 MHz
Cable colour   : Violet
Colour number   : RAL 4005

Type no.	Manufacturer no.	Description
MX8123	CAA-00358	Package: Reel 1000 m (Reel 1000 mtr)

Molex PowerCAT 6A U/FTP Solid cable

- U/FTP LSZH cable
- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually screened 4 pair U/FTP LSZH cable.
- Minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic (EMI) protection.
- ETL verified to TIA/EIA-568-B.2-10 Category 6A standard.

Technical specifications

Shielding type	: U/FTP
Category	: CAT6A
Class	: EA
Outer diameter	: 7.00 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Cca,s1a,d1,a1
DoP number	: MLXCES-2017-C-022
Wire gauge	: 23 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 500.00 MHz
Cable colour	: Violet
Colour number	: RAL 4005

Type no.	Manufacturer no.	Description
MX2001	CAA-0334-VL	Package: Reel 500 m (Roll 500 mtr)

Molex PowerCAT 6A U/FTP Solid cable

- U/FTP LSZH cable
- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually screened 4 pair U/FTP LSZH cable.
- Minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic (EMI) protection.
- ETL verified to TIA/EIA-568-B.2-10 Category 6A standard.

Technical specifications

Shielding type	: U/FTP
Category	: CAT6A
Class	: EA
Outer diameter	: 7.40 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: B2ca-s1a,d1,a1
DoP number	: MLXCES-2017-C-024
Wire gauge	: 23 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 500.00 MHz
Cable colour	: Violet
Colour number	: RAL 4005

Type no.	Manufacturer no.	Description
MX2060	CAA-00413-VL	Cat 6A U/FTP solid LSZH B2ca-s1a,d1,a1 23AWG violet 500 meter

Molex PowerCAT 6A U/FTP LSZH Solid cable

The Molex PowerCat 6A U/FTP Cable is specifically designed to support high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T). The cable is constructed of 4 screened pairs and a drain wire. This cable minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection.

- U/FTP LSZH cable
- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually screened 4 pair U/FTP LSZH cable.
- Minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic (EMI) protection.
- ETL verified to TIA/EIA-568-B.2-10 Category 6A standard.

Technical specifications

Shielding type	: F/UTP
Category	: CAT6A
Class	: E
Cable diameter	: 6.80 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Dca,s2,d1,a1
DoP number	: MLXCES-2017-C-011
Wire gauge	: 23 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 500 MHz
Cable colour	: Violet
Colour number	: RAL 4005

Type no.	Manufacturer no.	Description
MX0033	CAA-0322L-VL	Package: Reel 500 m (Reel 500 mtr)

Molex PowerCAT 6A U/FTP solid underground cable

- U/FTP underground cable
- PE (UV) and nylon sheathed for greater protection
- UV resistant
- Water Resistant Gel

Technical specifications

Shielding type	: U/FTP
Category	: CAT6A
Class	: EA
Outer diameter	: 8.30 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Fca
DoP number	: MLXCES-2018-C-027
Wire gauge	: 0.56 mm
Conductor type	: Solid
Outer jacket	: Nylon
Bandwidth	: 500.00 MHz
Cable colour	: Blue
Min. working temperature	: -20 °C
Max.working temperature	: 75 °C

Type no.	Manufacturer no.	Description
MX2061	CAA-00418	Cat 6A U/FTP solid underground cable, Nylon/PE, CPR euroclass Fca 0.56mm, 305 meter

Molex PowerCAT 6 U/UTP LSZH Solid cable 500 m

- Unshielded 4 pair LSZH cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Length per packaging   : 500.00 m
Shielding type   : U/UTP
Category   : CAT6
Conductor material   : Copper
Conductor type   : Solid
Wire gauge   : 23 AWG
Outer jacket   : LSZH
Outer diameter   : 6.20 mm
Impedance   : 100 Ω
Bandwidth   : 250 MHz
CPR Euroclass   : Dca

MX0032

Cable colour   : Purple
Colour number   : RAL 4005

Type no.	Manufacturer no.	Description
MX0032	CAA-00325	Package: Reel 500 m (Reel 500 mtr)

Molex PowerCAT 6 U/UTP LSZH Solid cable 305 m

- Unshielded 4 pair LSZH cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Length per packaging   : 305.00 m
Shielding type   : U/UTP
Category   : CAT6
Conductor material   : Copper
Conductor type   : Solid
Wire gauge   : 23 AWG
Outer jacket   : LSZH
Outer diameter   : 6.20 mm
Impedance   : 100 Ω
Bandwidth   : 250 MHz
CPR Euroclass   : Dca

MX0034

Cable colour   : Purple
Colour number   : RAL 4005

Type no.	Manufacturer no.	Description
MX0034	CAA-00305	Package: Reel in box 305 m (Box 305 mtr)

Molex PowerCAT 6 U/UTP PVC Solid cable 500 m

PowerCAT 6 4 pair U/UTP cable has been designed to support high-speed datatransmission systems. The cable features a cross-member designed to keep individual pairs separated for the reduction of NEXT and ELFEXT. The cable is available on 500m reel and 305m reel in a box.
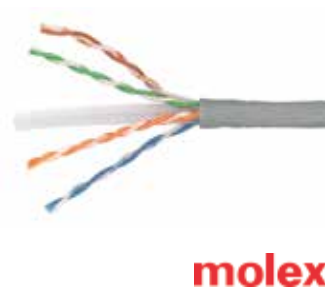
- Unshielded 4 pair LSZH cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Length per packaging	:	500.00 m
Shielding type	:	U/UTP
Category	:	CAT6
Conductor material	:	Copper
Conductor type	:	Solid
Wire gauge	:	23 AWG
Outer jacket	:	PVC
Outer diameter	:	6.20 mm
Impedance	:	100 Ω
Bandwidth	:	250 MHz
Min. working temperature	:	-20 °C
Max.working temperature	:	65 °C
CPR Euroclass	:	Eca

MX0055

Cable colour	:	Grey
Colour number	:	RAL 7037

Type no.	Manufacturer no.	Description
MX0055	CAA-00326	Package: Reel 500 m (Reel 500 mtr)

Molex PowerCAT 6 U/UTP LSZH Solid cable

PowerCAT 6 4 pair U/UTP cable has been designed to support high-speed datatransmission systems. The cable features a cross-member designed to keep individual pairs separated for the reduction of NEXT and ELFEXT. The cable is available on 500m reel and 305m reel in a box.

- Unshielded 4 pair LSZH cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Shielding type	:	U/UTP
Category	:	CAT6
Class	:	E
Outer diameter	:	6.60 mm
Conductor material	:	Copper
CPR compatible	:	Yes
CPR Euroclass	:	B2ca -S1a, d1,a1
DoP number	:	MLXCES-2018-C-026
Wire gauge	:	23 AWG
Conductor type	:	Solid
Outer jacket	:	LSZH
Bandwidth	:	250 MHz
Cable colour	:	Violet
Colour number	:	RAL 4005

Type no.	Manufacturer no.	Description
MX2059	CAA-0336-VL	Cat 6 U/UTP massief LSZH, B2ca -S1a, d1,a1, 23AWG violet 305 meter

Molex PowerCAT 6 F/UTP PVC Solid cable

PowerCAT 6 4 pair F/UTP cable has been designed to support high-speed datatransmission systems. The cable features a cross-member designed to keep individual pairs separated for the reduction of NEXT and ELFEXT. The cable is available on 500m reel and 305m reel in a box.

- Overal foil shielded 4 pair cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Shielding type	:	F/UTP
Category	:	CAT6
Class	:	E
Outer diameter	:	7.00 mm
Conductor material	:	Copper
CPR compatible	:	Yes
CPR Euroclass	:	Eca
DoP number	:	MLXCES-2017-C-009
Wire gauge	:	23 AWG
Conductor type	:	Solid
Outer jacket	:	PVC
Bandwidth	:	250 MHz
Cable colour	:	Grey
Colour Number	:	RAL 7037

Type no.	Manufacturer no.	Description
MX0056	CAA-00161	Package: Reel 500 m (Reel 500 mtr)

Molex PowerCAT 6 F/UTP LSZH Solid cable

PowerCAT 6 4 pair F/UTP cable has been designed to support high-speed datatransmission systems. The cable features a cross-member designed to keep individual pairs separated for the reduction of NEXT and ELFEXT. The cable is available on 500m reel and 305m reel in a box.

- Overal foil shielded 4 pair cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Shielding type	:	F/UTP
Category	:	CAT6
Class	:	E
Outer diameter	:	7.00 mm
Conductor material	:	Copper
CPR compatible	:	Yes
CPR Euroclass	:	Dca-s2,d2,a1
DoP number	:	MLXCES-2018-C-030
Wire gauge	:	23 AWG
Conductor type	:	Solid
Outer jacket	:	LSZH
Bandwidth	:	250 MHz
Cable colour	:	Violet
Colour Number	:	RAL 4005

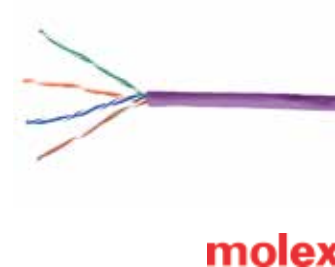| Type no.	Manufacturer no.	Description
MX8041	CAA-00251	Cat 6 F/UTP solid installation cable, LSZH, CPR euroclass Dca-s2,d2,a1, 23 AWG, violet 500 meter (Reel 500 mtr)

Molex PowerCAT 5E U/UTP Solid LSZH cable

- Unshielded 4 pair LSZH cable
- Independently tested

Technical specifications

Shielding type	: U/UTP
Category	: CAT5E
Class	: D
Outer diameter	: 5.20 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Dca,s1,2,a1
DoP number	: MLXCES-2018-C-028
Wire gauge	: 24 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 100 MHz
Cable colour	: Violet
Colour number	: RAL 4005
Min. working temperature	: -30 °C
Max.working temperature	: 60 °C

Type no.	Manufacturer no.	Description
MX0031	39-504-5E	Package: Reel in box 305 m (Box 305 mtr)

Molex PowerCAT 5E U/UTP Solid PVC cable

- Unshielded 4 pair PVC cable
- Independently tested

Technical specifications

Shielding type	: U/UTP
Category	: CAT5E
Class	: D
Outer diameter	: 5.00 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Eca
DoP number	: MLXCES-2017-C-001
Wire gauge	: 24 AWG
Conductor type	: Solid
Outer jacket	: PVC
Bandwidth	: 100 MHz
Cable colour	: Grey
Colour number	: RAL 7037
Min. working temperature	: -20 °C
Max.working temperature	: 60 °C
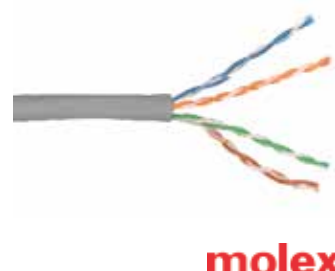
Type no.	Manufacturer no.	Description
MX0051	39.A0360	Molex PowerCAT 5E U/UTP Solid PVC cable, 305 m (Box 305 mtr)

Molex PowerCAT 5E F/UTP Solid PVC cable

PowerCat Category 5E F/UTP 4 pair cable supports high-speed datatransmission systems. The cable is available on a 305m reel in a box.

- Foil shielded 4 pair PVC cable
- Independently tested

Technical specifications

Shielding type	:	F/UTP
Category	:	CAT5E
Class	:	D
Outer diameter	:	6.20 mm
Conductor material	:	Copper
CPR compatible	:	Yes
CPR Euroclass	:	Eca
DoP number	:	MLXCES-2017-C-007
Wire gauge	:	24 AWG
Conductor type	:	Solid
Outer jacket	:	PVC
Bandwidth	:	100 MHz
Cable colour	:	Yellow
Colour number	:	RAL 1018
Min. working temperature	:	-20 °C
Max.working temperature	:	60 °C

Type no.	Manufacturer no.	Description
MX0052	39A-504-FT	Package: Reel in box 305 m (Box 305 mtr)

Molex PowerCAT 5E F/UTP Solid LSZH cable

- Foil shielded 4 pair LSZH cable
- Independently tested

Technical specifications

Shielding type	:	F/UTP
Category	:	CAT5E
Class	:	D
Outer diameter	:	6.30 mm
Conductor material	:	Copper
CPR compatible	:	Yes
CPR Euroclass	:	Dca-s1,d2,a1
DoP number	:	MLXCES-2018-C-029
Wire gauge	:	24 AWG
Conductor type	:	Solid
Outer jacket	:	PVC
Bandwidth	:	100 MHz
Cable colour	:	Violet
Colour Number	:	RAL 4005
Min. working temperature	:	-20 °C
Max.working temperature	:	60 °C

Type no.	Manufacturer no.	Description
MX0053	39A-504-LS	Package: Reel in box 305 m (Box 305 mtr)

Fibre panels

Molex adapter plate 12 Fiber

12 Fibre Adapter Plates fit directly into most Molex fibre management enclosures. This simple design requires no tooling as the plates install with a simple snap rivet, making installation and changes simple.

- Suitable for MX8120
- Available in singlemode and multimode

Type no.	Manufacturer no.	Description
MX0022	AFR-00374	SC Duplex 12 Fiber adapter plate, Multimode OM3 - Aqua
MX0023	AFR-00375	LC Quad 12 Fibre adapter plate, Multimode OM3 - Aqua
MX8134	AFR-00376	LC Duplex 12 Fiber adapter plate, Multimode OM3 - Aqua
MX8117	AFR-00365	LC Duplex 12 Fiber adapter plate, Singlemode OS2 - Blue
MX8280	AFR-00368	SC Duplex 12 Fiber adapter plate, Singlemode OS2 - Blue

Molex adapter blind plate

Blind plate set (4 pieces)

- Suitable for MX8120

Type no.	Manufacturer no.	Description
MX8116	AFR-00363	Insert plate Black (Unit 4 pcs)

Molex Modlink MTP cassettes for 12 fibers

ModLink Cassettes provide a cost-effective, quick and easy fibre system, for backbone and to-the-desk applications. 12 Port ModLink Cassettes provide premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. Simply plug the cable into the rear of the unit and the link is operational - an excellent solution for fast-track installations.

- MTP® US Conec patented high quality connector
- Low Loss Laser Optimized OM3 & OM4: 0.50 dB/Cassette
- Test results included with every cassette
- Suitable for MX8120

Type no.	Manufacturer no.	Description
MX2031	MLCDLC12OS2L	12 fibre Modlink duplex LC OS2 singlemode, Low loss, Blue
MX2033	MLCQLC12OM4L	12 fibre Modlink quad LC OM4, Low loss, Erika violet
MX2034	MLCQLC12OS2L	12 fibre Modlink quad LC OS2 singlemode, Low loss, Blue
MX0048	MLCDLC12OM3L	12 fibre Modlink duplex LC 50/125 OM3
MX2030	MLCDLC12OM4L	12 fibre Modlink duplex LC OM4, Low loss, Erika Violet

Molex Modular splice cassettes

Molex's Modular Splice Cassette is an excellent way of managing vulnerable fibre optics, protecting them from dust and damage as a result of routine maintenance. The Cassette is available in a number of pre-loaded configurations.

- Suitable for MX8120
- High density, up to 24 fibres per cassette
- Integrated cable management, prevents damage
- Included splice protectors and holders
- Suitable for MX8120

Type no.	Manufacturer no.	Description
MX8114	AFR-00351	12 fibre splice, Duplex LC OM3, Aqua

Molex Multi-Function fibre enclosure accessories

MX0043 Universal Splice Tray,
24 Fibre with built in Cable Management, for use with 1U Multi-Function Fibre Enclosure (Self Adhesive, 2 pcs)
MX8083 Gland 9.5-13.2mm M20

Type no.	Manufacturer no.	Description
MX0043	AFR-00470	Universal splice tray for 24 fibers (Unit 2 pcs)

Molex Multi-Function fibre enclosure 1U

Multifunctional fiber - and copper panel
The new 1U multifunctional fiber - copper patch panel is a configurable 19 "rack mount solution for mounting and protect incoming fiber optic cable. The enclosure provides a modular system with the ability to provide all types, to mount optical fiber and / or copper, and is designed to maximum flexibility in the routing of fibers possible.

Type no.	Manufacturer no.	Description
MX0039	RFR-00311-BK	Multi Function Fiber enclosure

Molex Multi-Function front panels

The front panels are available with SC or LC adapters. In the frontplate MX0040 you can mount 4 cassettes or adapterplates.

- Suitable for MX0039

Type no.	Manufacturer no.	Description
MX0040	AFR-00468-04	Front plate 4 holes unloaded
MX2028	AFR-00454-BL	48 fibre LC Duplex singlemode Blue
MX2029	AFR-00461-AQ	24 fibre SC Duplex multimode Aqua
MX8085	AFR-00455-AQ	48 fibre LC Duplex multimode Aqua

Fibre Surface boxes

Molex Fiber enclosure

The 601 fibre series wall mount enclosure is a compact unit for optical fibre. The unit is made of white rugged plastic with a low profile design that provides sufficient storage room for the fibre service loop making installation easy whilst ensuring the proper internal fiber management.

Compatible for splicing and direct terminations the unit can accept up to 8 fusion splice protectors or mechanical splices. The 601 enclosure is supplied with an accessory kit which includes cable ties, labelling and mounting kits.

- Available in Single and multimode fiber versions.

Type no.	Manufacturer no.	Description
MX0029	WFR-00029-02	4x duplex SC singlemode
MX8101	WFR-00028-02	8x duplex SC multimode
MX0030	WFR-00034-02	12x duplex LC multimode
MX8029	WFR-00035-02	12x LC Singlemode
MX8091	WFR-00027-02	8x duplex SC Unloaded

Tooling and test equipment

Molex Termination tool

The Molex DataGate 4 Pair Termination Tool is a robust and reliable product that offers faultless gas-tight terminations of all four pairs simultaneously. The tool frame is manufactured from high grade steel with die-cast termination heads. Designed specifically for use with Molex DataGate and Keystone style jacks, the 4 Pair Termination Tool Frame is supplied unloaded into which either the UTP Termination Head (for termination of the UTP DataGate and Keystone jacks) or the C6A Termination Head (for termination of the C6A shielded DataGate jacks) is fitted.

Type no.	Manufacturer no.	Description
MX0008	31-001	110 punchdown termination tool

Molex SLT3S Tester

The SLT3™ Tester is a rugged, lightweight product designed to verify the integrity of 1, 2, 3, and 4 pair UTP channels. Incorporating a unique 3-in-1 design, this tester features built-in modular jacks for USOC, EIA 568A and 568B wiring sequences. Simply connect the master and slave unit to each end of the cable under test, and the SLT3 automatically verifies correct cable sequence, as well as open and short circuits.

- Innovative 3-in-1 design features modular jacks for testing USOC, EIA 568A and 568B cabling systems.
- Accurately verifies the continuity and sequence of 1, 2, 3 and 4 pair UTP and FTP channels.
- Continuously-sequencing LED display provides a diagnostic readout that immediately detects shorts, opens, reversals and mis-wires at a glance

Type no.	Manufacturer no.	Description
MX0009	33A-100-10	Master and Slave unit with 9 Volt battery.

Molex Datagate 4 pair termination tool

The Molex DataGate 4 Pair Termination Tool is a robust, reliable product that offers fast, fault-less gas-tight termination of all four pairs of solid cable simultaneously. The Termination Tool Frame is manufactured of high grade steel and is used with die-cast Termination Heads.

- Designed specifically for Molex DataGate™ Keystone and MOD-Clip ™ Jacks
- Reduces installation time compared with traditional single wire termination.
- Cables are accurately seated and neatly trimmed with one squeeze of the handles

Type no.	Manufacturer no.	Description
MX2019	31.0011	4 pair Termination tool
MX2020	31.0012	Tool head UTP CAT6, CAT5E
MX2021	31.0013	Tool head CAT6A