molex®

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The PowerCat™ 5e range of Category 5e compliant products provide a high performance end-to-end UTP and FTP copper solution, designed to meet and exceed all relevant international performance standards, including TIA/EIA-568-C.2, ISO/IEC 11801 and EN50173. Category 5e systems are excellent in terms of cost (per unit length), ease of installation, size and weight and the availability of common tools, connectors and active equipment. The PowerCat 5e solution provides great flexibility in the network infrastructure, enabling moves, adds and changes in both open and fixed work area layouts; facilitating the everyday dynamics of the modern office.

Comprising of cable, patch panels, patch cords and work area modules, the PowerCat 5e solution provides support for a wide range of applications, including voice, video and data up to 1Gb (1GBase-T Ethernet). Molex offers a variety of unloaded panels with separately available jacks to provide a flexible, cost effective solution that can be easily configured or expanded to accommodate growing business.

PowerCat™ ›
5e Solution

What we do
For over 30 years Molex has manufactured innovative data transport and advanced management solutions.

Bringing Advanced Physical Layer Lifecycle Management to Enterprises Worldwide

Standards Compliance
TIA/EIA-568-C.2
ISO/IEC 11801

Highlights of the PowerCat 5e Solution
- Total end-to-end horizontal cabling solution
- Compliant to TIA/EIA-568-C.2, ISO/IEC 11801 and EN50173
- Unloaded panels offered with separately available jacks to provide a flexible, cost effective solution
- Support for a wide range of applications up to 1Gb (1GBase-T Ethernet)
- Wide selection of region-specific wallplates and modules
- Independently tested and verified
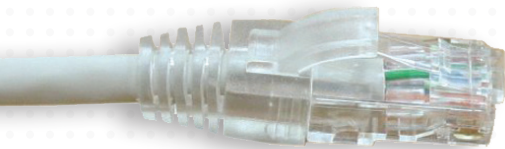
Why choose Molex Category 5e?
For over 30 years Molex Premise Networks, a subsidiary of Molex, has manufactured comprehensive UTP, FTP and Optical Fibre cabling products suitable for the transmission of voice, data and video imaging signals. Our cabling solutions have been installed in a wide range of organisations world wide and are supported by a global 25-year Product, System Performance and Application Assurance Warranty. With more than one million connectors installed by a global network of certified cabling experts, all fully supported by our Technical and Services teams, you can be sure that a Molex PowerCat 5e installation won't let you down.

Reliable Product Performance
The PowerCat 5e solution utilises our unique RJ45 DataGate™ connector technology. The DataGate connector features a patented 'spring-loaded shutter' providing protection from dust, contaminants and improperly seated RJ45 Patch Cords. The patented V-shaped IDC contacts improve installation speed and enhance cable retention.

RJ45 Keystone and RJLP low profile connectors are also used to support Category 5e applications. Designed for installation within wallplates, backboxes and trunking the PowerCat 5e solution is a modular system allowing the user to install as many outlets as necessary.

Designed to support high speed networks, the PowerCat 5e cable is available with PVC or LS0H sheaths and patch cords have LS0H sheaths as standard, providing enhanced fire safety performance. A high density 48 port, 1U patch panel is also available to support high density installations where communication room space is limited.

SUPPORT
IMPLEMENT
CONSULT
DESIGN

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Ordering Information

Cable

Order No.	Description
39.A0360	PowerCat 5e 4 Pair PVC Cable U/UTP Category - Grey
39-504-5E	PowerCat 5e 4 Pair LS0H Cable IEC 332.1 U/UTP Category - Violet
CAA-00274-0H	PowerCat 5e 4 Pair PVC Cable, 305m Reel in a Box - Blue (SA only)
CAA-00274-0E	PowerCat 5e 4 Pair PVC Cable, 305m Reel in a Box - Grey (SA only)
CAA-00375-0H	PowerCat 5e 4 Pair PVC Cable, 500m Reel - Blue (SA only)
CAA-00375-0E	PowerCat 5e 4 Pair PVC Cable, 500m Reel - Grey (SA only)
39A-504-FT	PowerCat 5e 4 Pair Cable PVC F/UTP - 305m Box, yellow
39A-504-LS	PowerCat 5e 4 Pair Cable LS0H F/UTP IEC 332.1 - 305m Box, Violet

Patch Panels

Order No.	Description
PID-00058	PowerCat 5e 24 Port Patch Panel RJ45 568B UTP - 1U
PID-00174	PowerCat 5e 24 Port DataGate Patch Panel RJ45 568A/B UTP - 1U
PID-00175	PowerCat 5e 48 Port DataGate Patch Panel RJ45 568A/B UTP - 2U
PID-00210	24 Port Keystone Patch Panel, Unloaded - 1U
PID-00154	PowerCat 5e 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U
PID-00155	PowerCat 5e 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U
PID-00073	PowerCat 5e 48 Port High Density Patch Panel RJ45 56B UTP - 1U
PID-00030	PowerCat 5e 24 Port Patch Panel with cover 568A/B Shielded - 1U
PID-00258	PowerCat 24 Port DataGate Patch Panel, Unloaded UTP or Shielded - 1U
PID-00259	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U
PID-00260	PowerCat 48 Port DataGate Patch Panel, Unloaded UTP or Shielded - 2U
PID-00261	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U

Patch Cords

Order No.	Description
PCD-01XXX-**	PowerCat 5e LS0H U/UTP Patch Cord 0.5m
PCD-04XXX-**	PowerCat 5e LS0H F/UTP Patch Cord 1m

Replace XXX with: 000=0.5m, 001=1m, 002=1.5m, 003=2m, 005=3m, 009=5m, 013=7m, 019=10m
Insert colour code in place of ** in part number when ordering Patch Cords:
LS0H: 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black
PVC: 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow

Work Area Modules

Order No.	Description
KSJ-00032-**	Keystone Jack, Category 5e, 8W, 568A/B
KSJ-00024-**	PowerCat 5e DataGate Jack 8W 568A/B
42.1B.011.A0032	PowerCat 5e MOD-SNAP RJLP Module RJ45 568B UTP - White
17.1B.011.A0042	PowerCat 5e Euromod RJLP Module RJ45 568B UTP - White
MEU-00019-02	PowerCat 5e Angled Euromod RJLP Module RJ45 568B UTP - White
MLG-00001-02	PowerCat 5e 45 x 45mm Angled Legrand Compatible Module RJ45 568B UTP - White
MLG-00002-02	PowerCat 5e 22.5 x 45mm Legrand Compatible Module RJ45 568B UTP - White
WNC-00020-02	PowerCat 5e 2 Port DIN Module RJ45 568B UTP - White
WNC-00020-06	PowerCat 5e 2 Port DIN Module RJ45 568B UTP - Almond
MMS-00004-02	PowerCat 5e MOD-SNAP RJLP Module RJ45 568B FTP - White
MEU-00020-02	PowerCat 5e Euromod RJLP Module RJ45 568B FTP - White
MLG-00004-02	PowerCat 5e 25.5 x 45mm Legrand Compatible Module 568B Shielded - White
MLG-00005-02	PowerCat 5e 45 x 45mm Legrand Compatible Module 568B Shielded - White
WNC-00007-02	PowerCat 5e 1 Port Fixed Shuttered Wallplate RJ45 568B UTP - White
WNC-00008-02	PowerCat 5e 2 Port Fixed Shuttered Wallplate RJ45 568B UTP - White
WNC-00009-02	PowerCat 5e 4 Port Fixed Shuttered Wallplate RJ45 568B UTP - White

Insert colour code in place of ** in part number when ordering Keystone Jacks:
01 = Almond, 02 = White, 04 = Black
Insert colour code in place of ** in part number when ordering DataGate Jacks: 01 = Almond, 02 = White,
04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange,
PP = Purple

Surface Boxes

Order No.	Description
SBX-00006-02	PowerCat 5e 1 Port Synergy Surface Box RJ45 568A/B UTP - White
SSY-00010-02	PowerCat 5e 2 Port Synergy Surface Box RJ45 568A/B UTP - White
SSY-00011-02	PowerCat 5e 4 Port Synergy Surface Box RJ45 568A/B UTP - White
SSY-00012-02	PowerCat 5e 6 Port Synergy Surface Box RJ45 568A/B UTP - White