



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

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.



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.

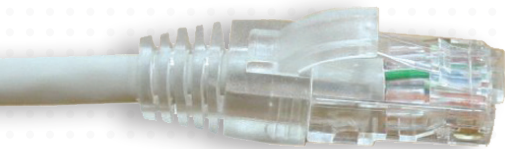
Reliable Product Performance

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.





Ordering Information

Cable

Order No.	Description
CAA-00009	PowerCat 4 Pair Cable, CM Rated, 305m Pull Box - Blue
CAA-00102	PowerCat 4 Pair Cable, CM Rated, 305m Pull Box - Grey
CAA-00166	PowerCat 4 Pair Cable LSZH 305m Pull Box - Violet

Patch Panels

Order No.	Description
PID-00073	48 Port High Density Patch Panel RJ45 56B UTP Category 5e 1U
PID-00154	PowerCat 5e 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U
PID-00227	24 Port Standard Grade PowerCat Patch Panel, 568A/B, with Cable Management

Patch Cords

Order No.	Description
PCD-01000-**	PowerCat 5e LS0H U/UTP Patch Cord 0.5m
PCD-01001-**	PowerCat 5e LS0H U/UTP Patch Cord 1m
PCD-01002-**	PowerCat 5e LS0H U/UTP Patch Cord 1.5m
PCD-01003-**	PowerCat 5e LS0H U/UTP Patch Cord 2m
PCD-01005-**	PowerCat 5e LS0H U/UTP Patch Cord 3m
PCD-01009-**	PowerCat 5e LS0H U/UTP Patch Cord 5m
PCD-01013-**	PowerCat 5e LS0H U/UTP Patch Cord 7m
PCD-01019-**	PowerCat 5e LS0H U/UTP Patch Cord 10m

Note: Insert colour code instead of ** in part number when ordering patch cords: 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black

Work Area Modules

Order No.	Description
MMC-00013-**	PowerCat MOD-Clip DataGate Jack, 568A/B, Shuttered
MMC-00019-**	PowerCat MOD-Clip Jack, 568A, RJ45, Unshuttered
WPJ-00031-02	1 Port MOD-Clip 115 x 75mm Wallplate
WPJ-00032-02	2 Port MOD-Clip 115 x 75mm Wallplate
WPJ-00033-02	4 Port MOD-Clip 115 x 75mm Wallplate
WPJ-00040-02	3 Port MOD-Clip 115 x 75mm Wallplate

**Colour Options - 02=White, 04=Black, 08=Light Grey, RD=Red, BL=Blue, GR=Green, YL=Yellow

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

Americas

Corporate Headquarters
+1 630 969 4550

Asia Pacific

Australia
+61 3 9971 7111
China
+86 21 5048 0889
India
+91 80 4129 3500

EMEA

United Kingdom
+44 (0)2392 205 800
Czech Republic
+420 222 191 418
Poland
+48 22 333 81 50
Russia
+7 495 642 64 55
Ukraine
+38 (044) 494 2642
Middle East
+971 4 299 0430
South Africa
+27 11 513 4223

