



CAT5E PVC 305M

Supports up to 1Gbps (100m)
Quicklink: Q34DB

General

Colour Grey
Construction PVC

Dimensions

Diameter 6mm
Length 305m

Category 5e (CAT5E) PVC UTP Enhanced ethernet cable features an ultra-flexible PVC outer jacket. While advanced systems demand the massive bandwidth of CAT6, many essential standalone smart devices, legacy components, and auxiliary lighting control accessories operate perfectly on standard data signals. This cable offers a highly economical, structurally compact alternative for establishing robust, hardwired connections without the added expense of unneeded bandwidth.

Performance & Distance Specifications

- Standard Data Transmission: Fully supports reliable data speeds of up to 1Gbps (Gigabit network standards) across entire cable runs of up to 100 metres.
- Bandwidth Rating: Tested up to 100MHz, providing clean and consistent signal integrity for standard automated tasks and everyday data operations.
- Cable Architecture: Consists of 4 unshielded twisted pairs (8 individual solid copper cores)

Applications

- Utility & Entry-Level Systems: Ideal for connecting basic smart home peripherals, intercoms, automated gate control relays, and digital telephone lines.
- Reduced interference (compared with CAT5) with improved shielding
- Space-Restricted Wiring: Because CAT5E is physically thinner than CAT6, it is highly recommended for tricky retrofits inside tight electrical back-boxes, narrow mini-trunking, or shallow partition walls.
- Budget-Conscious Installs: The go-to utility cable for cost-driven residential installations where high-speed data transmission beyond 1Gbps is unnecessary.

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Feature	CAT5e	CAT6 PVC	CAT6 LSZH
Category Standard	Cat5e	Cat6	Cat6
Max Speed & Distance	Up to 1 Gbps (100m)	Up to 10 Gbps (55m), Up to 1 Gbps	Up to 10 Gbps (55m), Up to 1 Gbps

Data Cable

LAN CAT5E PVC UTP 4-Pair Unshielded Ethernet Cable – Grey (305m Box)

Supports up to 1Gbps (100m)

Max Speed & Distance	Up to 1 Gbps (100m)	(100m)	(100m)
Bandwidth	100 MHz	250 MHz	250 MHz
Cable Jacket Material	PVC	PVC	LSZH (Low Smoke Zero Halogen)
Fire Safety Rating	Basic (Standard Domestic)	Basic (Standard Domestic)	Flame Retardant / Zero Halogen Gases
Best Use Environment	Standard Homes & Budget Retrofits	Premium Residential & Private Smart Homes	Commercial Buildings, Public Spaces & Luxury Smart Homes
Flexibility	Highly Flexible (Easy to pull)	Flexible	Stiff / Robust Inner Core
Lighting & Smart Home Use	Basic intercoms, entry-level smart hubs, and phone lines	Hardwired home routers, smart lighting bridges, smart TVs, and IP CCTV	Lutron, DALI, and DMX networks in commercial or high-end residential specs

Please Note:Once cable is cut cannot be returned.