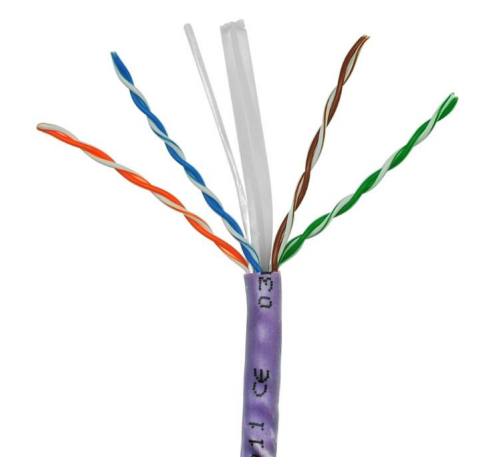




CAT6 LSF VIOLET

Supports up to 10Gbps (55m) / 1Gbps (100m)

Quicklink: Q340E

General	
Colour	Purple
Dimensions	
Diameter	6mm
Length	1m

This Category 6 (CAT6) UTP data cable features a high-safety LSZH (Low Smoke Zero Halogen) outer sheath. As intelligent lighting networks and home automation systems evolve, modern electrical installations rely heavily on hardwired data lines to function. This solid-core 4-pair cable is specifically designed to transmit critical control signals from system hubs to remote user keypads, dimmers, and interfaces without latency or data packet loss.

Performance & Distance Specifications

- Ultra-High Speed Data Transfer: Fully supports data speeds up to 10Gbps over shorter runs of up to 55 metres.
- Standard Gigabit Networking: Reliably delivers stable 1Gbps (Gigabit) speeds over full standard runs of up to 100 metres.
- Frequency Performance: Operates at a high bandwidth of up to 250MHz, significantly mitigating internal signal crosstalk.

Applications

- Smart Lighting Networks: The universal industry standard for wiring central automation systems, including Lutron (HomeWorks / RA2 Select), DALI networks and DMX architectures.
- Future-Proofing: If you are running cable behind plasterboard or under floors the CAT6 cable guarantees your building infrastructure can handle next-generation data speeds.

.cable-table { width: 100%; border-collapse: collapse; font-family: Arial, sans-serif; font-size: 14px; border: 1px solid black; } .cable-table th, .cable-table td { border: 1px solid black; padding: 10px; text-align: left; } .cable-table td:first-child { font-weight: bold; }

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 (100m)	Up to 10 Gbps (55m), Up to 1 Gbps (100m)

Data Cable

LAN CAT6 LSZH UTP 4-Pair Unshielded Ethernet Cable - Violet (Per Metre)

Supports up to 10Gbps (55m) / 1Gbps (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.