

# CAT6 Cables Guide



## The StarTech.com Performance Advantage

- Tested at our in-house Innovation Lab with industry-leading equipment such as Fluke, NetAlly
- Third-party ETL verification for guaranteed performance
- 100% bare copper wire for optimal signal and PoE transmission
- Safety Certified UL Listed Wire handles full continuous power



						
	Cat8 Snagless	Cat6A Snagless LSZH	Cat6A Snagless	Cat6 Slim	Cat6 Snagless	Cat6 Molded
Lengths (ft)	0.5, 1, 3, 6, 10, 15, 20, 25, 30, 40, 50ft	0.5, 1 - 10, 12, 14, 15, 20, 25, 30, 35, 50, 75, 100ft	0.5, 1 - 10, 12, 14, 15, 20, 25, 30, 35ft	0.5, 1 - 7, 10, 15, 20, 25, 30, 50ft	0.5, 1 - 10, 12, 14, 15, 20, 25, 30, 35, 50, 75, 100, 125, 150ft	1- 8, 10, 12, 15, 20, 25, 35, 50, 75, 100ft
Colors						
AWG	26AWG	27AWG	26AWG	28AWG	24AWG	24AWG
Cable OD	5.6mm	5.7mm	6.3mm	3.8mm	6mm	6mm
Fire Rating	LSZH	LSZH	CMG	LSZH	CMG, LSZH	CMG
PoE Rating	100W	100W	100W	90W*	100W	100W
Shielded/ Unshielded	S/FTP	S/FTP	STP	UTP	UTP	UTP

\*Bundling cables with continuous loads above 60W may cause excessive heat build-up, standard CAT6 or CAT6A with thicker gauge wiring are recommended for bundled cables when running PoE.

# CAT6 Cables Competitive Comparison Chart

IT professionals trust StarTech.com CAT6 Cables for their Edge and Infrastructure solutions. See how our best-in-class cables stack up against other leading brands.



	StarTech.com	Leading Competitor Brand	Other Brands Tested
Patch Cord Testing Passed	✓	✓	✗
Channel Testing Passed	✓	✓	✓
100% Copper Wire	✓	✓	✓
Molded Strain Relief	✓	✓	✗
ETL Verified – Full assembly	✓	✗	✗
Supports up to 100W PoE	✓	✓	✗
LSZH Available	✓	✓	✓

\* All testing was done using Standard CAT6 Patch Cords, using similar lengths.



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Schedule a meeting with our Customer Success Team to learn more about our CAT6 cable testing, brands tested, and how we benchmark performance.

To see the full range of CAT6 cables available, visit  
→ [www.startech.com/cables/network](https://www.startech.com/cables/network)