



Ethernet Patch Cables: Unmatched Quality, Great Choice, & Competitive Pricing



To support your customers and company with great service, you first must support your IT network with premium cables. We significantly discounted our premium copper and fiber patch cables that deliver high-quality performance and come with a lifetime warranty to provide unmatched value to your business. You can use these Ethernet cables for any network application, including distributing data and voice as well as bandwidth-intensive video streaming in applications up to 100-Gigabit and beyond.

Our Ethernet cables only use the best components and are constructed to meet or exceed industry standards to ensure reliable, high-end performance and no downtime. Even better, we've heavily increased our cable stock to provide you with super-fast turnaround.



CAT6 Ethernet Cables Snagless RJ-45 UTP

Offered in 15 different lengths (9 inches to 100 feet) and 11 colors.

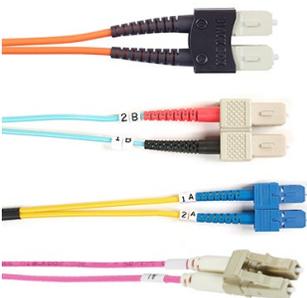
[See our GigaTrue® CAT6 cables](#)



CAT5e Ethernet Cables Snagless RJ-45 UTP

Offered in 15 different lengths (9 inches to 100 feet) and 11 colors.

[View Our GigaBase® CAT5e Cables](#)



Singlemode and Multimode Fiber Optic Patch Cables

Black Box has a wide range of discounted fiber optic cables so you can easily find what you need to support your network. We offer fiber patch cables with riser, plenum, and LZOH jacketing in lengths up to 30 meters. These cables come with LC, SC, and ST connector combinations. Our TAA-compliant fiber cables are available in 13 colors and feature MTRJ connectors as well.

[Visit Fiber Cable Selector](#)

Benefits and Features

Premium Performance

Black Box only uses the best components for our cable assemblies, and all of our cables are fully tested to ensure premium performance that meets or exceeds industry standards.

The Right Cable for Any Network Application

Our extensive range of Ethernet cables supports network applications from 100 Mbps up to 10/40/100 Gigabit and beyond. Use them for standard and bandwidth-intensive voice, data, or video distribution applications.

Lifetime Warranty

All of our patch cables come with our famous Double Diamond lifetime warranty.

Fast Turnaround

Since we have an extensive stock in our Pittsburgh warehouse, customers get their cables super-fast and without delay.

Trusted Cable Manufacturer

Black Box has been a market-leading ISO-certified cable manufacturer for 40+ years, so customers fully trust our products.



Learn more about our cable price reductions at blackbox.com/usethernetcables.



How to Select the Right Cable for Your Application?

Picking the right cable can be tough. So, we created a quick guide that will help you choose cabling that improves the overall performance of your network.

CATx: CAT5e vs. CAT6 Ethernet Patch Cables

There is not much difference over the full LAN segment length of 300 feet, as CAT5e and CAT6 both support speeds up to 1 Gigabit. CAT5e is more flexible than CAT6 and easier to bend in tight corners. For VGA, CAT5e also delivers less DeSkew, resulting in better video quality. CAT6 offers greater bandwidth and can support 10-Gigabit speeds at distances up to 180 feet. In addition, CAT6 isolates wires better than CAT5e to provide higher crosstalk protection. CAT6 is also more durable and firm, which improves overall performance.



[Visit the Black Box Cat5e/6 Cable Selector](#)

Fiber Optic Riser: CMR vs. Plenum vs. LZ0H

CMR-rated cables are typically used for network cabling in office buildings. Plenum-rated cables feature jackets that reduce the spread of flames and smoke during a fire. Plenum cables are used for cable runs in tight conducts, ceilings, and walls. Low-smoke zero halogen (LZ0H) cables are similar to plenum cables, but they do not use halogenic material that emits toxic fumes during a fire. LZ0H cable is primarily used in closed areas like submarines, planes, ships, or data centers where people can't reach clean air quickly and easily.

Fiber Optic Multimode and Singlemode: OM1 vs. OM2 vs. OM3 vs. OM4 vs. OS1/2

Optical mode (OM) is an ISO/IEC 11801-based fiber classification. OM defines the maximum length by speed based on core diameter, wavelength, and attenuation. OM1 and OM2 have been on the market for a long time. They are ideal for standard Gigabit applications. OM3 and OM4 cables are laser-optimized. OM3 supports speeds up to 10 Gigabit and OM4 supports speeds up to 100 Gigabit. Singlemode (OS1/OS2) cable only has a single wavelength of light in its core, which causes less interference than multimode cables. This makes singlemode ideal for long cable runs up to 40 kilometers and bandwidth-intensive applications.

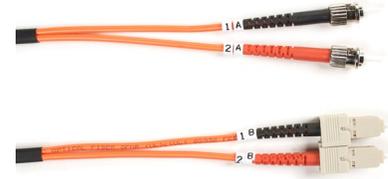
[See the indicative link lengths by speed and fiber mode.](#)

Fiber Optic Patch Cables from Black Box: Connect vs. Premium vs. TAA Compliant

Black Box has three different ranges of [fiber optic patch cables](#) that suit any network application. We are now offering all of these cables at reduced prices and keeping more of them in stock than ever before.

Connect Range

The Black Box Connect line of general-purpose fiber optic patch cabling meets or exceeds industry standards, providing the functionality you need without the premium price. These cables come with LC, SC, or ST connectors and are offered in frequently requested lengths (1 m up to 5 m for multimode and 1 m up to 30 m for singlemode). Connect Cables are OM-standard color compliant as well. These CMR-rated cables are perfect for all the standard network applications in your office.



Premium Range

The Black Box Premium line of fiber optic patch cabling is constructed to exceed industry standards. These riser-rated cables offer low signal loss (<0.3 dB) and provide reliable and long-lasting performance. They come with LC, SC, and ST connector combinations, are stocked in lengths up to 30 meters (98 feet, depending on the mode), and feature standard color coding.



Multicolored TAA-Compliant Range

Our TAA-compliant fiber cables come with riser, plenum, or LZ0H jacketing. We offer them in standard colors as well as nine additional colors so you can color-code departments or mission-critical links. They feature LC, SC, ST, or MTRJ connectors. These cables are also offered in 13 different lengths (1 m to 30 m).

[Visit Fiber Cable Selector](#)