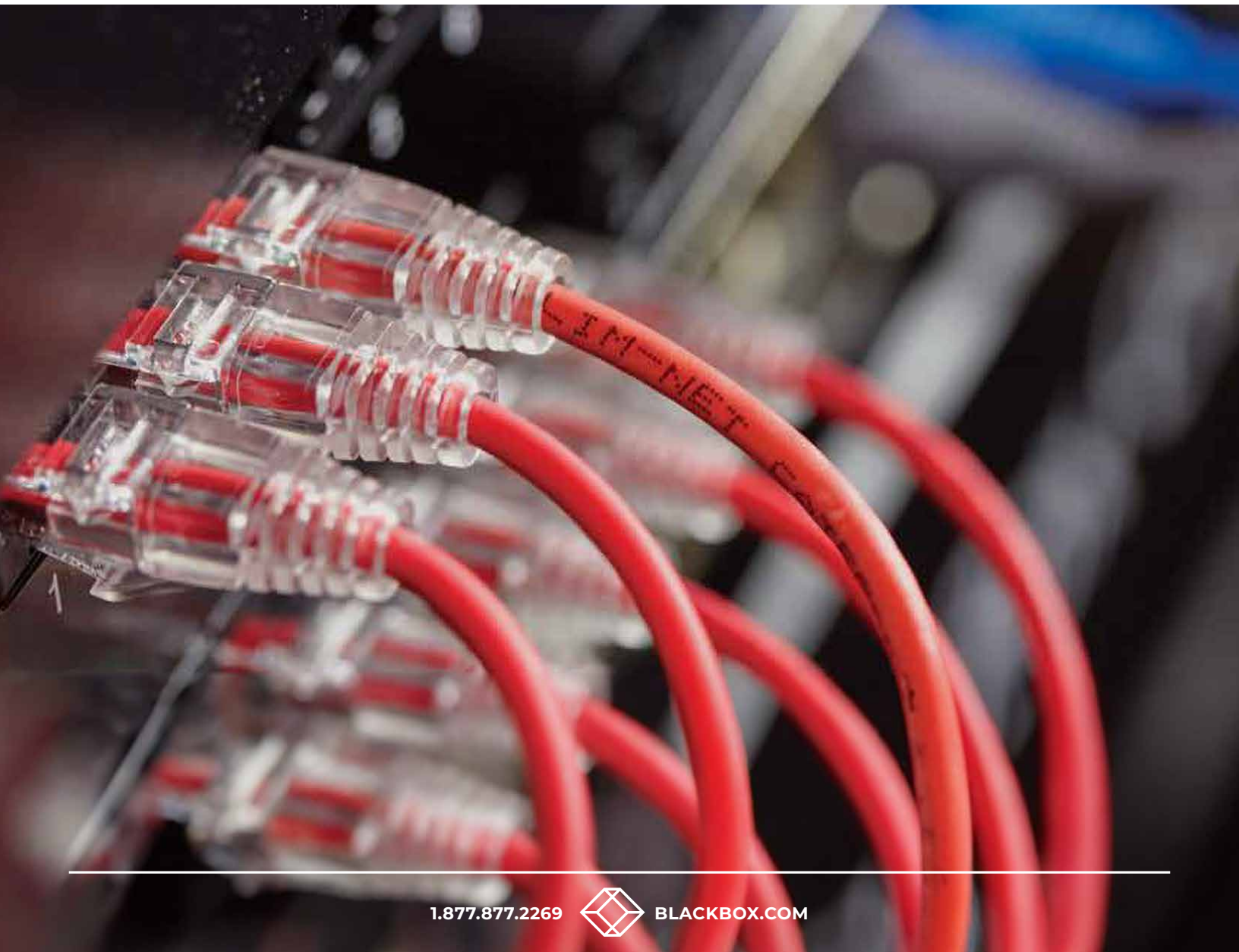# BLACK BOX®

Slim-Net Patch Cables

Optimize Your Cabling Infrastructure By Maximizing Available Space

Optimize Space in Crowded Data Centers

Make space, reduce clutter, and optimize cable handling in high-density data centers and telecom rooms. With a diameter of only 0.161", CAT6 and CAT6A 28-AWG patch cables are almost half the size of a 24-AWG cable. When you calculate the physical cable area, you'll actually save more than 50% space compared to traditional 24-AWG cables. Reduce or eliminate horizontal cable managers freeing up more rack space. You'll also free up 50% more space in vertical pathways.

28-AWG CAT6 and CAT6A Patch Cables Available in 7 Colors and 10 Lengths

CAT6 Ethernet Patch Cables	
Product Item #	**Description**
C6PC28-**XX**-01	CAT6, 250-MHz, PVC, Snagless, 1 ft.
C6PC28-**XX**-02	CAT6, 250-MHz, PVC, Snagless, 2 ft.
C6PC28-**XX**-03	CAT6, 250-MHz, PVC, Snagless, 3 ft.
C6PC28-**XX**-04	CAT6, 250-MHz, PVC, Snagless, 4 ft.
C6PC28-**XX**-05	CAT6, 250-MHz, PVC, Snagless, 5 ft.
C6PC28-**XX**-07	CAT6, 250-MHz, PVC, Snagless, 7 ft.
C6PC28-**XX**-10	CAT6, 250-MHz, PVC, Snagless, 10 ft.
C6PC28-**XX**-12	CAT6, 250-MHz, PVC, Snagless, 12 ft.
C6PC28-**XX**-15	CAT6, 250-MHz, PVC, Snagless, 15 ft
C6PC28-**XX**-20	CAT6, 250-MHz, PVC, Snagless, 20 ft

CAT6A Ethernet Patch Cables	
Product Item #	**Description**
C6APC28-**XX**-01	CAT6A, 500-MHz, PVC, Snagless, 1 ft.
C6APC28-**XX**-02	CAT6A, 500-MHz, PVC, Snagless, 2 ft.
C6APC28-**XX**-03	CAT6A, 500-MHz, PVC, Snagless, 3 ft.
C6APC28-**XX**-04	CAT6A, 500-MHz, PVC, Snagless, 4 ft.
C6APC28-**XX**-05	CAT6A, 500-MHz, PVC, Snagless, 5 ft.
C6APC28-**XX**-07	CAT6A, 500-MHz, PVC, Snagless, 7 ft.
C6APC28-**XX**-10	CAT6A, 500-MHz, PVC, Snagless, 10 ft.
C6APC28-**XX**-12	CAT6A, 500-MHz, PVC, Snagless, 12 ft.
C6APC28-**XX**-15	CAT6A, 500-MHz, PVC, Snagless, 15 ft.
C6APC28-**XX**-20	CAT6A, 500-MHz, PVC, Snagless, 20 ft.

Replace the **XX** with the letters assigned to each color:

Blue = BL   Yellow = YL   Red = RD   Black = BK
Gray = GY   White = WH   Green = GN

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Save Space

Gain almost 50% more space in front of equipment and in cable pathways.

Improve Airflow

Thinner cables take up a lot less space in front of patch panels and network equipment resulting in improved air flow and cooling.

Easier Handling

More space means more room for fingers when doing installs and MACs. And it's easier to see port assignments.

Reduce Cable Management

With a bend radius that's 70% tighter, you can more easily route cables without horizontal cable managers.

Big Performance

Black Box 28-AWG cables conform to all 568-C.2 specs, pass all tests, and support PoE, PoE+, and PoE++..
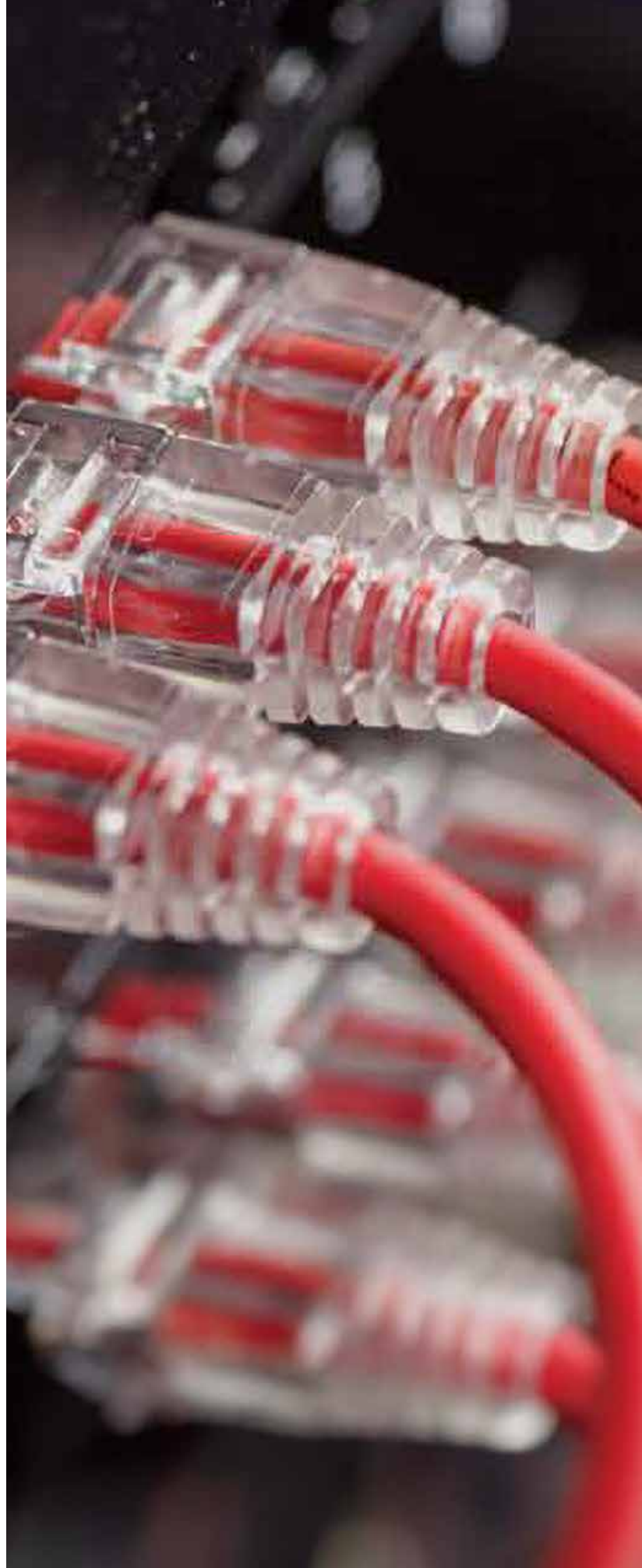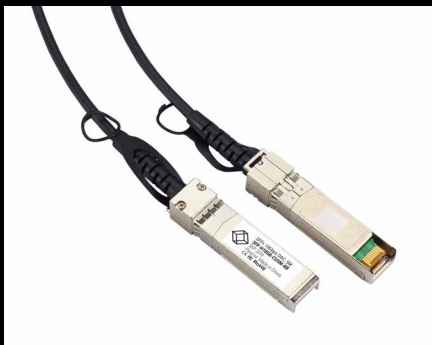
Size Comparison

Slim-Net: 0.161"

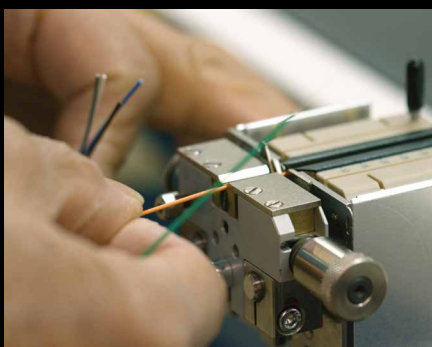Regular CAT cable: 0.23"

More Black Box Cabling Innovations

Premium Performance Direct Attach Cables
When it comes to connecting networking equipment in high-density, high-bandwidth applications, Direct Attach Cables that operate over passive copper are the most cost-effective solution available. They are perfect for inter-rack connections of switches, routers, and servers. Further, DACs consume practically zero power, making them an efficient and economical connectivity solution.

Ultra-High-Bandwidth Active Optical Cables
Black Box Active Optical Cables (AOCs) provide an all-in-one, easy-to-install, ultra-reliable solution for Pro AV installs in control rooms, digital signage, healthcare and any other application where UHD video needs to go the distance.

Custom Cabling Solutions
Black Box has earned a reputation in the industry as the place to go for custom cabling and connectivity solutions. Our dedicated and experienced team can handle your custom inquiries and work with you to ensure that you get a solution designed specifically to meet your needs.

BLACK BOX®