6 REASONS CAT6A IS IN YOUR FUTURE

Is your organization considering upgrading your existing infrastructure to support digital transformation? A well designed, deployed, and managed cabling solution is the backbone of a modern IT infrastructure that accommodates your technology and transformation goals—and CAT6A is the only cable of choice. It is now the de facto standard for future-proofing cabling infrastructures and here are six good reasons why.

1. Performance & ROI
   CAT6A gives you 10X the performance and TWICE the capacity of CAT6 cables for only 10 to 20% more. It’s the smart investment for an infrastructure designed to last 10 to 15 years or longer.

2. 10GBase-T
   This may seem obvious, but data is driving the demand for speed and capacity. 10-GbE networks are now becoming widely adopted as the best way to handle that explosion of data.

3. PoE
   Power over Ethernet is also exploding. It’s estimated that more than 1,000,000 devices, such as cameras, access points, displays, and lights, are now PoE powered. The recommended cable? CAT6A.

4. HDBaseT™
   HDBaseT enables the transmission of audio, video, power, control, and 100Base-T Ethernet signals over twisted-pair cable. The only cable that gives you a true 100-meter channel, especially with 4K, is CAT6A.

5. Wireless
   The Wi-Fi 6 (the 802.11ax standard) will change everything. It is capable of delivering speeds up to 10 Gbps, but there’s a catch. To get these speeds, the TIA specifies that you need two CAT6A links to every access point.

6. Standards and Compliance
   Of all of the reasons to choose CAT6A, this is probably the most important: to be in compliance with industry standards, all projects recommend CAT6A.

End-to-End Structured Cabling Solutions

When considering an IT infrastructure upgrade or a new installation, it is critical to think beyond just the cable itself. Your design must be future-ready and able to scale with growing end-user and business demands. From design, it is important to ensure that the deployment can happen swiftly, with minimal business disruption and is consistent across your enterprise. Finally, a true structured cabling solution will provide you with post deployment support so you can free up internal resources for core business initiatives.

Black Box provides a comprehensive structured cabling solution that will support you from design to deploy to manage so you can implement a network infrastructure that’s optimized for whatever applications the future brings. From PoE, IoT, and smart buildings to Wi-Fi 6/5G and 10-GbE, CAT6A will serve you well for many years to come.