



How To Choose The Right Structured Cabling Infrastructure?

The world of technology is ever-changing. It is always ebbing and flowing. When it comes to this development, [network cabling](#) plays a crucial part. In a world that is becoming increasingly virtual and digital, especially businesses, it is important that organizations have a reliable and fast network. Data manufacturers, network engineers, and data voice solution experts in Dubai and all over the world are constantly trying to create upgraded hardware that will possess an accelerated transmission speed. If this needs to be accomplished, then it is vital that an organization possesses excellent cabling infrastructure. [The network cabling](#) will be the factor that determines the speed of your network.



NETWORK CABLING

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In the present world, a fast network is a necessity. No matter how advanced the gadgets, switches, etc are, the speed of the network will always depend on the cabling. On average, the cabling infrastructure is seen to hold up for a span of about ten years, in which 3 generations of active electronic devices can be sustained. In this blog, how the right structured cabling can be chosen for your organization is explained.

What Are the Different Varieties OF Cables That Are Available?

Before finding out what the right cabling for your organization is, it is important to know what are the different types of cables that are suitable for your organization. A structured [network cabling system](#) will provide a telecommunication infrastructure that is seen to be comprehensive. This cabling system will integrate the various management systems of a

building along with the data, voice, and video. There are a wide variety of cables that can be used, however, each of them boils down into one of three categories, they are:

Optic cable

Fiber optic cables are made up of one or more thin, flexible fibers that possess a glass core. This cable can send data over long distances by utilizing light. Since it uses light, there will be no issue or electrical obstruction. These cables are great in places that contain a lot of electrical interference.

Coaxial cable

This type of cable possesses a copper-based transmission medium. This cable was used for [computer networks](#) earlier. Coaxial cables are not expensive and are durable, so they were used for computer networks a few decades ago, however, it wasn't designed for computer networks and is no longer used.

Twisted pair cable

This type of cable is the most commonly used one. The transmission medium of this cable is copper. There are several varieties of twisted pair cables. In such an instance, choosing the right one becomes significant. The cable will have a considerable effect on what happens in your organization. Some of the varieties in twisted pair cables are Cat 5e, Cat 6, and Cat 6A. These are the most commonly used varieties as well. Due to their vast features and viability, Cat 7, Cat 7A, and Cat 8 are relatively new introductions to the industry and are rapidly gaining favor.

For More Details....

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