

## AV Link Weekly Newsletter

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### Introduction to Structural Wiring

**Structural wiring is an organized way of cable arrangement, which helps distributing information throughout a house or office.** This means that you may be able to access to the same audio, video, or Internet sources from different locations in a house or office.

The advantage is that it provides a wide open space for upgrades and expansion, without having to worry about re-cabling throughout the building.

### Various Types of Structural Cable

**1. Coaxial cable:** Uses RG6 or RG59 standards, which provides accessibility to audio/video resources.

**2. Category cable:** Uses Cat5e or Cat6 standards, which are ideal for voice/data communications.

**3. Power lines:** Provides power sources for equipment throughout the building.

Specification and construction of the structural cable varies depending on the application, as well as the manufacturer's standards.

### AV Link offers the following standards of structural cables:

1. One RG59 + two Cat5e
2. One RG6 + two Cat6
3. One RG6 + two Cat5e
4. One RG59 + two Cat5e + one power pair 18AWG OFC

**The cables are built in various lengths on a spool. Other configurations can be manufactured for specific inquiries.**

Please contact [sales@avlinkinc.com](mailto:sales@avlinkinc.com) for more information.