

AUDIO SPECIFICATION

- **CCTV or CATV cables** are designed to transmit audio signals for closed circuit television (CCTV) systems or community access television (CATV). Bulk cable is recommended for longer runs.
- **Coaxial cables** or coax are used for digital audio because of their relatively low cost and large bandwidth. RG6 and RG11 audio cables are inexpensive, unbalanced coaxial cables that consist of a central, metallic core surrounded by a layer of insulating material. RG6 audio cables are used in many cable television and satellite applications. RG11 cables are used as thick Ethernet (thicknet) cabling.
- **Fiber optic cables** are relatively expensive and difficult to install, but provide near-infinite bandwidth and near-perfect immunity to noise. They are better than coax for long-distance transmissions.
- **Composite multi-signal cables** use XLR connectors, 1/4" and 1/8" stereo connectors, RCA plugs and other types of connectors to terminate the cable and make the connection to the connecting device.