

Overview

Conference rooms in medical facilities can serve many purposes including meeting with a patient or a patient's family, training sessions for staff, department head collaboration, etc. The use of visual aid devices in this environment allows for more effective communication of information. However, these devices can present a challenge to the installation process. Modern visual aid devices typically require both power and video cabling in order to display an image. In order to present a professional look, the cabling used to connect a visual aid device to a video source is installed within the walls of the room. Due to fire code regulations, any cable that is installed within a wall must meet certain jacket requirements. The requirements for cable jackets are designed to limit or prevent the release of dangerous chemicals in the event of a building fire. Using cables built with the proper jacket material ensures that the regulations set forth by the building's fire code are met.



How do Cables To Go solutions fit into this type of application?

Applications that require in-wall rated cable can benefit from our Classic Series™ cabling solution, which includes both in-wall, CMG, and plenum, CMP, rated cable jackets. Classic Series cables are factory tested and are backed with a lifetime warranty resulting in dependable performance. When cabling is not an option, our extensive line of wireless USB solutions provides reliable in-room connectivity and easy installation. We also offer a full line of hospital grade power cables designed to meet the critical needs of medical equipment.

Conference Room Solution Example

A hospital plans to update a conference room with a digital projector to allow staff members to more effectively collaborate using a PC or DVD player located within a podium in the room. The projector will be installed in the ceiling approximately 50 ft away. The cabling must carry both the computer and DVD player's video and audio signals to the projector. The audio for both source devices needs to be routed to the sound reinforcement system located in a closet 15ft from the podium. The sound reinforcement system will power two speakers near the front of the conference room.



Solution Overview

The solution we recommend is our Classic Series HD15 VGA, 3.5mm stereo audio, composite video and stereo audio wall plate (#40487), 50 ft HD15 SXGA, 3.5mm stereo audio, composite video and RCA stereo audio cable (#40183), 75ft 3.5mm stereo audio cable (#40110), and speaker wire (#40535). The audio for this solution will pass through the projector and be delivered to the sound reinforcement system using the 75ft 3.5mm stereo audio cable. The audio reinforcement system may have balanced inputs such as 6.3mm (1/4in) which warrants the need for the suggested adapter (#40639) to adapt the cable (#40110) to the proper size. A segment of speaker wire (#40535) is run to each of the speakers located at the front of the room.

Description: Single Gang HD15 VGA + 3.5 mm + Composite Video + Stereo Audio Wall Plate - Stainless Steel

Application: Audio and video connections located near the podium for the computer and DVD player

Part number: 40487

Quantity: 1



Description: 50ft CMG-Rated HD15 SXGA + Composite Video + Stereo Audio + 3.5mm M/M Cable with Low Profile Connectors

Application: Video and audio connection from the wall plate to the projector

Part number: 40183

Quantity: 1



Description: 75ft CMG-Rated 3.5mm Stereo Audio Cable with Low Profile Connectors

Application: Audio connection from the audio output of the projector to the audio input on the sound reinforcement system

Part number: 40110

Quantity: 1



Description: 3.5mm Female to 6.3mm (1/4in) Adapter

Application: An optional component to adapt the 3.5mm audio cable to a 1/4in input of a sound reinforcement system.

Part number: 40639

Quantity: 1



Description: 50ft 18AWG Plenum-Rated Bulk Speaker Wire

Application: Speaker connection from the output of the sound reinforcement system to the input on each speaker

Part number: 40535

Quantity: 1



Note: The solution described above is one of many connectivity solutions that Cables To Go can provide. For additional information on solutions for your particular application, please contact us.



