



Wire Orientation

The control line between CQ Series sequencers is assembled from eight wire RJ45 cable and crimp-on connectors. Orientation of the wires relative to the RJ45 connectors conforms with standards for telephone line installation. Note in the illustration above, the wire colors are reversed relative to the pin numbering. Pin 1 is assigned to the blue wire on one end. Pin 8 is assigned to the blue wire on the other end.

Cable Components

CQ Series control lines can be assembled from the same components used for high bandwidth CAT5 or CAT6 cabling. However, high speed transmission is NOT necessary for CQ device control. Ethernet cables will not work to connect two CQ Series devices.

Cable Length and Location

Line voltage that controls CQ Series devices can be sustained over great distances and is regenerated at each CQ device. Therefore, there is no specified maximum length of a CQ Series cable. CQ control lines are not sensitive to high frequency interference and will not create such interference. Subject to installation codes and best practices, CQ Series control line can function in a broad range of installations.

For more information or assistance

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