Note: Each A & B pair provide a 24VDC output and up to 250mA. The maximum cable run for a room network depends on the number of devices. 150' of cable is allowed per device; a two device network is allowed 300', 3 devices 450' etc., up to 1,000' maximum. For example a network that has 6 devices supports a maximum of 900' of total CAT5e cabling with no minimum or maximum spacing between devices. The first 5 devices could be separated by a 10' LMRJ (4 total) and the last device could then be 860' from the Room Controller. Adding additional devices beyond 6 total allows for a maximum network length of 1000'.