

Install The Card Reader Cabling

1. Review cabling diagram (provided by CCI) and confirm that all customer equipment to be connected to system is shown on the diagram.
2. Verify that each has an assigned system address and line number.
3. Verify that the dedicated Network cable for internet has been run to the X-Changer.
4. Cable individual laundry machine or equipment as specified for the equipment type. The marked end of each cable should always be on the right side when facing machines. Refer to the "Proper Cable Installation" section located at the end of the document. The cable diagram will show what cable length to use between each piece of equipment. The number just behind each piece of equipment is the length of cable that should be used to daisy chain the two adjacent machines together.
5. On all washers use a 15' cable to interconnect from machine to machine.
6. On dryers, use a 15' cable to interconnect from dryer to dryer. Except in the case that the wire is run directly through the side of the dryer and not out the back. In which case a 3' cable should be used. 7' cables should be used between the "pockets" on the dryers for a 2-reader setup.
7. Some Stack dryers that utilize two timing computers may require two card readers. Hence you will find two ID numbers on those machines, generally the left ID represents the upper pocket and the right ID represents the lower pocket.
8. To interconnect cables from one side of the bulkhead to the other, use 15' Cables unless the drawing calls for a longer cable to be used. Refer to the "Proper Cable Installation" section located at the end of the document.
9. Using the cable diagram run the main trunk lines from specified locations in the store back to the (A) X-Changer cabinet. The diagram only shows connectivity and cable selection and is not intended to describe the appropriate cable path. Use good judgment in running cables and avoid obvious hazards, which may cause cables to become severed or burned in the future. Keep cables away from all hot areas and equipment (examples: hot exhaust flues, heating ducts, etc.)



Note

The drawing may contain 100+ home run lines. These are bulk cable runs and the installer is responsible for terminating the line properly. Make sure to use only what is required. Avoid any long loops or excess cable.

10. Never run cables inside of heating, cooling, or air handling ducts.
11. Keep cables away from fluorescent light fixtures.
12. Tie cables to drop ceiling hanger wires approximately 8" above ceiling tiles using cable ties or "zip" ties.
13. Avoid kinking cable by using a "looping" technique to handle excessive cable length. Never pull or yank the cables forcefully. Never "bundle" the cables together with a zip-tie.
14. Label the cables at the X-Changer Cabinet end with Line 0, 1, 2, 3, & 4 as detailed in the cable diagram. Also label the cables with A or B, determining which side of the loop that line is from.
15. Using the cabling diagram label the equipment in the store with ID numbers (available through Vendrite Mfg.). The machines must match the ID labeled in the cable diagram.
16. Washers are numbered sequentially from 1 through 99.
17. Dryers are numbered sequentially from 100 through 199.
18. Any accessories such as vending machines or doors are numbered 200 through 254 but depending on the number of dryers, may start higher.
19. Allowable machine numbers range from 1 through 254.



Note

3-digit ID numbers starting with 1 represent dryers. (This may vary in some very large stores; consult your CCI rep for unique configurations.) This allows machine labels to be numbered from 1-254.

1. Using a Cat5 cable tester, verify that every machine is cabled as described in the diagram. Verify that all 4 pairs of wire have good continuity and that there are no crossed pairs.
2. X-Changer A is always on the left of looking at the front of the X-Changers.
3. Bring the 5 "A" home-run lines in from the store through the 1½" opening in the A X-Changer cabinet marked "A". Pull all 5 lines up to the appropriate ports on the CCI Control Head, but **DO NOT** plug them into the Control Head until instructed.
4. Bring the 5 "B" home-run lines in from the store through the 1½" opening in the B X-Changer cabinet marked "B". Pull all 5 lines up to the appropriate ports on the CCI Control Head, but **DO NOT** plug them in to the Control Head until instructed.



Note

It is imperative that the machines are labeled as shown in the diagram or the system will not function properly.