

- There is around 190 classrooms and offices in constant hall
- From this [website](#) one keystone jack faceplate cost about 1.50 so to place one in each classroom and office would be around 285 dollars.
- For the [RJ45 outlet](#) I kept seeing it referred to as a coupler. I wasn't sure if this was it specifically but I will use this. From that link it cost around 2.50 for one but I need 2 for each room so I multiplied the cost of one for each room which was 475 dollars and multiplied it by 2 and got 950 dollars.
- So for one [48 port patch panel](#) It is around 80 dollars. If I want enough patch panels to disperse to each classroom and office I will need 4 so I would have to multiply 80 by 4 and that in return will be 320 dollars for 192 ports.
- Since there are around 380 outlets in the building, if my math is correct then if I have workgroup switches with about 5 ports in each then I will need around 80 workgroup switches. That will cost about 18 dollars each so then I would multiply 18 times 80 which is 1,710 dollars. [link](#)
- Since I have 80 work group switches then I need a core switch with 80 or more ports. I'm not sure if it is accurate to have two core switches but I found a core switch with 48 ports that is 2 thousand dollars [link](#)

Item	Price
For all the keystone jack plates	\$285.00
For all the RJ45 outlets	\$950.00
For all the 48 port patch panel	\$320.00
For all workgroup switches	\$1,710.00
For all core switches	\$4,000.00

Total	\$7,265
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