



Office A

Scenario

A company has two offices on its property. While the bulk of the staff are located in Office A, there is a need for a small number of network connections in Office B. A single Category 5 Ethernet drop connects Office B to the network. The company has decided to expand, and they want to put both a network printer and a wireless access point in Office B. They would like to have a dedicated Ethernet connection for each device back to the switch in Office A to improve performance. It would be difficult to add another wire, since the existing cable is run through a conduit.

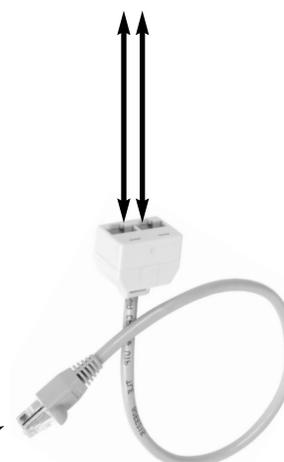
Solution: The RJ45SPLITTER uses the untapped capacity in Category 5 cabling to effectively double the number of connections carried on a single cable. By using the RJ45SPLITTER at both locations, the company was able to combine two connections to the switch over the existing wiring at Office A and split the signal back into two fully operational connections at Office B, saving the hassle and expense of installing new wiring.



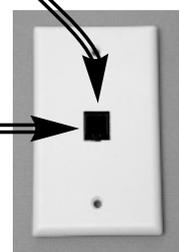
Office B



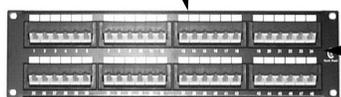
Networked Devices



RJ45SPLITTER



Wall Outlet



Ethernet Patch Panel

RJ45SPLITTER

