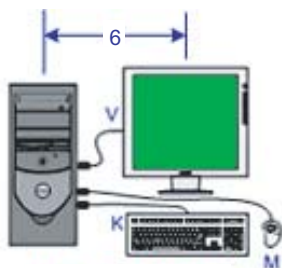


Benefits of Fiber Optics over Copper

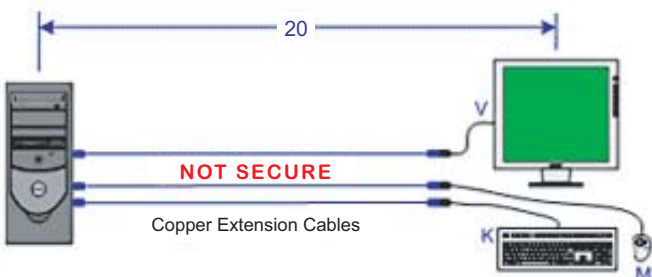
Why Fiber? – Copper vs. Fiber KVM Extender Comparison



NOT SECURE

Factory Default Desk Configuration

The standard by which all extension methods are judged. The typical cable length should be just enough to comfortably connect the back connectors of the cpu to the keyboard, mouse and display.

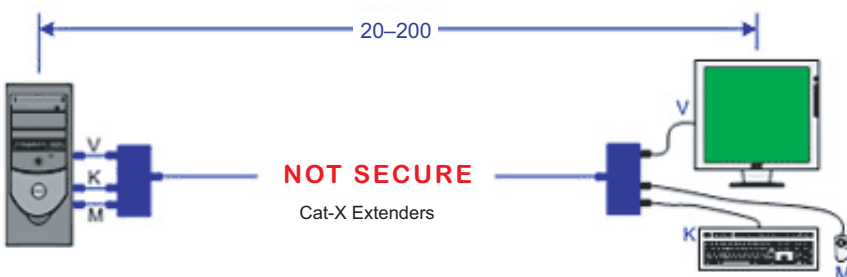


NOT SECURE

Copper Extension Cables

Extended Copper Cables

Should be ok for short extension. DVI cable length limitation is between 10 and 20 feet depending upon the quality of the cable. The lower the resolution, the longer the distance. You are pushing the limits on keyboard and mouse lengths.

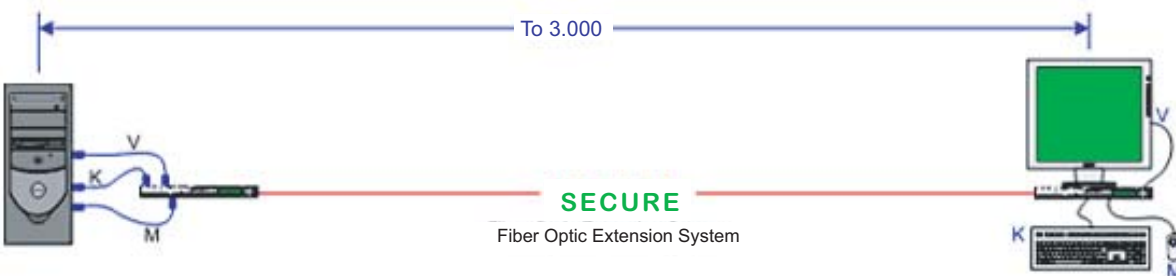


NOT SECURE

Cat-X Extenders

CAT 5, 6 and 7 (Twisted Pairs) Extenders have Serious Limitations

As distance increases you can count on decreased performance and a growing number of variables, none of which are good. For Instance: skew, bandwidth roll-off, ground loops, soft image, smear and reflections. Mediocre solution. Not Secure: Cable related EMI/RFI.



SECURE

Fiber Optic Extension System

Fiber Optics is the Answer

PMD Thinklogical™ fiber optic extenders offer galvanic isolation (no ground loops), high bandwidth, imperceptible skew, long distance, no visible artifacts such as smear, reflections, hum bar or image color softening. Video resolutions in excess of 5 megapixels (2048 x 2560), excellent cable management characteristics. Secure: NO cable related EMI/RFI.

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