

Re: ethernet over a single pair of wires?

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- *From:* Ecnerwal <LawrenceSMITH@xxxxxxxxxxxxxxxxxxxxxx>
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In article <47a7ddf9\$0\$16649\$4c368faf@xxxxxxxxxxxxxxxxxx>, "mook Johnson" <mook@xxxxxxxx> wrote:

I'm looking at an application where there is only one available pair of wires through an interface. The wires are in a CAT-5 bundle but only 1 of the twisted pair is available. The length is only about 200 ft.

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Anyone done this before?

Yup. If you've got \$600 to spend, you're done, golden. Can reach a lot longer than 200ft, as well. Old, slow, seems to be obsoleted, Tut Systems. New, faster, made in USA, buy off the shelf, B&B Electronics.

http://www.bb-elec.com/product_multi_family.asp?multifamilyid=71

Just a happy customer with 1200 feet of single twisted pair (Cat3, yet). Getting 40MB on the B&B equipment, which replaced the older Tut equipment that could only do 2MB over the same wire.

If that runs outside, spend a few more bucks on lightning suppression at both ends.

Practically speaking, a reel of 1000 feet of ethernet cable is a lot cheaper, and will run your distance 5 times...ISTR that the Homely Despot even has 500 foot boxes.

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Cats, coffee, chocolate...vices to live by

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