

## Re: How much current safe for 30m extension?

**Source:** <http://sci.tech-archive.net/Archive/sci.electronics.components/2005-02/0284.html>

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**From:** Watson A.Name - \ (NOSPAM\_at\_dslextrreme.com)

**Date:** 02/13/05

Date: Sat, 12 Feb 2005 17:43:36 -0800

"John Rumm" <see.my.signature@nowhere.null> wrote in message  
news:420e7d2d\$0\$29771\$ed2619ec@ptn-nntp-reader02.plus.net...

> *ehsjr@bellatlantic.net* wrote:

>

>> *I think installing a half mile of # 4 might be "politically" cost*

>> *prohibitive, regardless of the technical merits. And I doubt*

>> *it would be a good financial solution. How many times*

>> *can you replace the batteries for the cost of digging a*

>> *1/4 mile trench, and installing conduit, cable, fittings,*

>> *transformers, etc ?*

>

> *For that money you could buy the PBX a UPS all of its very own!*

That's probably what will happen. But the computer room's UPS is backed up by a 300kW Caterpillar diesel generator, with 300 gallons of fuel in the tank. It's supposed to run for at least 8 hours, so it does have an advantage. We've had power outages that last for hours, so having that much battery backup on the PBX would cost a lot more. But we'll probably buy a couple APS 2.2kW UPSes and put the PBX system on those. They should last for close to an hour.

> --

> *Cheers,*

>

> *John.*