

Re: Phone Line Interfacing – FCC Part–68

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- *From:* "Michael A. Terrell" <mike.terrell@xxxxxxxxxxxxxx>
 - *Date:* Sun, 25 May 2008 20:56:03 –0400
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w_tom wrote:

On May 25, 2:36 am, "Michael A. Terrell" <mike.terr...@xxxxxxxxxxxxxx> wrote:

Were do they still use that much areial cable? Around here most telco plant is underground, and fiber optic.

First of all, there is no classic CO around here. There are fiber to copper to serve small neighborhoods. As usual, you have your head up your ass, because Verizon doesn't provide any service in this area.

Let's see. Verizon only started to install FIOS a few years ago.

Another _wierd_tom_ straw man.

Most every wire connecting to the CO is copper.

Bullshit. It used to be. They were even even stretched between wooden things called 'poles', way back in ancient history.

And for 100 years,
direct lightning strikes to that copper resulted in no damage when a protector was properly earthed where it enter the building. Michael A Terrell does not deny this reality.

I deny that Verison or their FIOS is anywhere near my part of Florida. Not that you know the difference between the various baby bells.

FCC Part 68 requires this properly earthed protector at both ends of a phone line. What makes a protector so effective?

Absolutely nothing. The so called 'protectors' are routinely blown off the sides of houses and out of pedestals in Florida. If you knew even 1% of what you claim to, you would admit the truth. I have seen the required ground wire melted after a protector was vaporized.

A protector is only as effective as its earth ground.. No protector stops, blocks, or absorbs the typically destructive surge. A protector that earths before those surges can enter a building means protection inside a modem is not overwhelmed. That was known even 100 years ago.

Sure it was, and it's been known for decades that you are an ignorant troll. No one disputed your little snippets of 100 year old half truths.

Two 'top of the front page' articles in Electrical Engineering Times define what provides protection in "Protecting Electrical Devices from Lightning Transients". Not a protector circuit. Protection is only as effective as its earth ground and connection to earth ground. How curious. Even FCC Part 68 requires a shorter connection to earth – contradicting what Michael posts.

Lair. You are trying to put your foul lies in my mouth again.

Tell me again how you connect fiber optic cables to your mythical lightning arrestor, tommy.

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mpm – more could be learned. Not yet posted because engineering questions are not being asked.

Why bother with engineering questions when you don't understand the electrical characteristics of a piece of wire?

Makes little difference whether underground or overhead (Michael ignores this reality only to argue).

That is pure bullshit, and you know it. A buried cable has a better chance of survival from a nearby lightning strike. If you don't understand that simple concept, you are too stupid to keep wasting oxygen, and should report to AL Gore for him to correct your CO2 problems.

I have only seen overhead cables installed as temporary repairs in the last 20 years. This area started the conversion to fiber over 25 years ago. As usual, you have your head up your ass.

Same protection was required as
has been routine in telcos for 100 years to avoid surge damage.

Dumb fuck. Lightning does not travel miles to a nonexistent traditional Central Office. Get your head out of the '70s and see what is being used these days. This subdivision is less than a mile from where everything is converted to fiber. You are so out of date you have no idea how it works, or that the conversion was done because of constant repairs to Telco C.O. equipment from lightning damage, along with vaporized pairs in the underground cable. Most of that was over six feet deep in the downtown areas. You have no concept of reality, yet you continue to run your ignorant mouth. The last of the fiber conversion was done to add DSL capability to outlying areas.

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<http://improve-usenet.org/index.html>

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If you have broadband, your ISP may have a NNTP news server included in your account: <http://www.usenettools.net/ISP.htm>