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What in the world is a CAN bus?

If you'd like to know the complete history of CAN bus, here's a Wiki page to meet your needs. [CAN bus](#)

If videos are more your thing, take a look at this [CAN bus Explained - A Simple Intro \(2018\)](#)

Contact the team at Capital for help engineering a cable that will be perfect for your next project!



It's a Controller Area Network, of course. CAN bus is primarily designed as a networking standard for vehicles.

As you're aware, automobiles use more computers than they ever have, but so do tractors, boats, military vehicles, trains and turf equipment. Basically, computers will become standard operating equipment in the near future and those vehicles will need to rely on a network that can support all of their expected functions—without fail.

Why should you care about CAN bus cables?

Frankly, it's about the money. It's always about the money. Here's how CAN bus impacts things: it eliminates the need for expensive host computers to make every decision. Instead, inexpensive microcontrollers connect the devices and execute their programmed duties more efficiently throughout the process.

Although CAN bus adheres to a standard, there's still a lot of flexibility to allow more applications to use it. This flexibility means you have choices in conductor size, conductor count, shielding, jacketing and, ultimately, cost. This is why we get excited about CAN bus!

How can we help you?

We help customers sort through the options available when designing CAN bus cables for their applications:

- Unlike a commercial building network cable, you get to decide how large a conductor you need, if you need shields and if so, what type.
- Since there are so many material options, we also help you decide what type of jacket you need.
- And... there are choices in temperature, in oil resistance, flexibility and of course color. Let us help you pick the best for your project.

After learning about your application, our experienced staff will engineer a cable that does exactly what you need it to do, and we'll have a quote to you within a week so you'll have everything you need quickly.

Often, lead times and minimum order quantities can be painful. We've got you covered with some of the fastest lead times in the industry and order quantities that work for you.