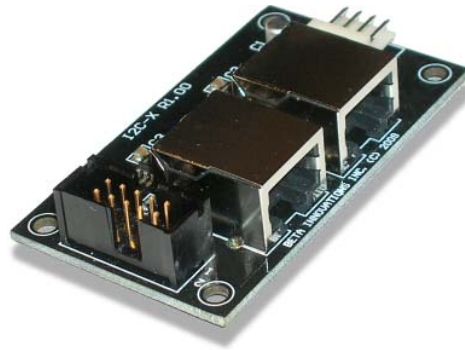


The I2C-X card has been designed to extend ElectronFlux signals over long cables to approximately 50 meters. The I2C-X supports up to 2 connections using standard RJ45 patch cables.

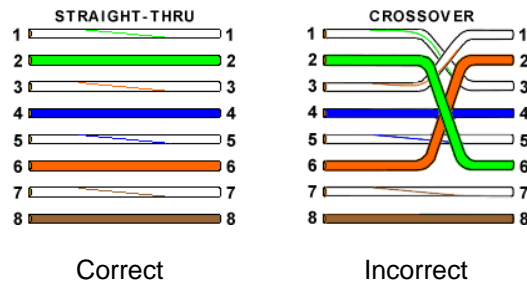


Features:

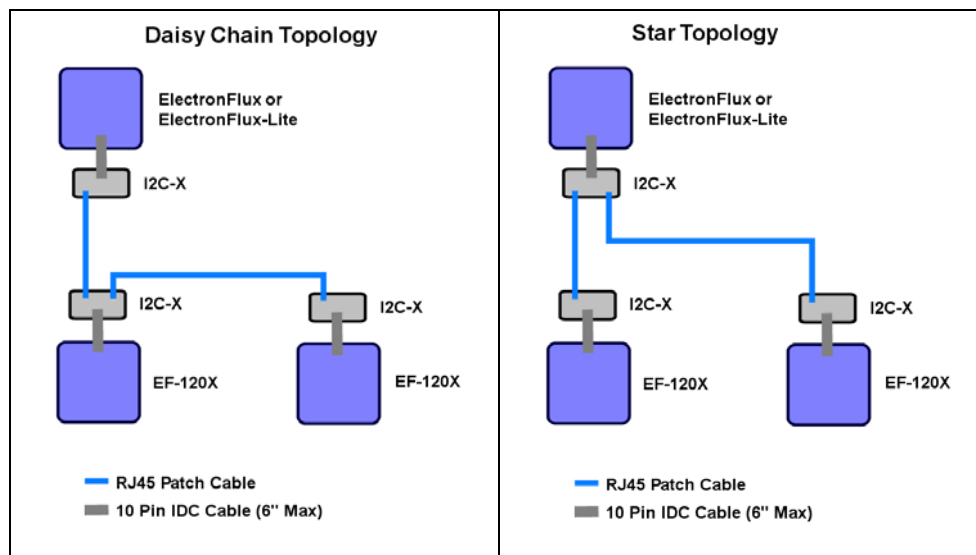
- 2 independent channels.
- Drives signals up to 50 meters.
- Uses standard RJ45 patch cables.
- Immune to line noise.

Connecting the I2C-X card:

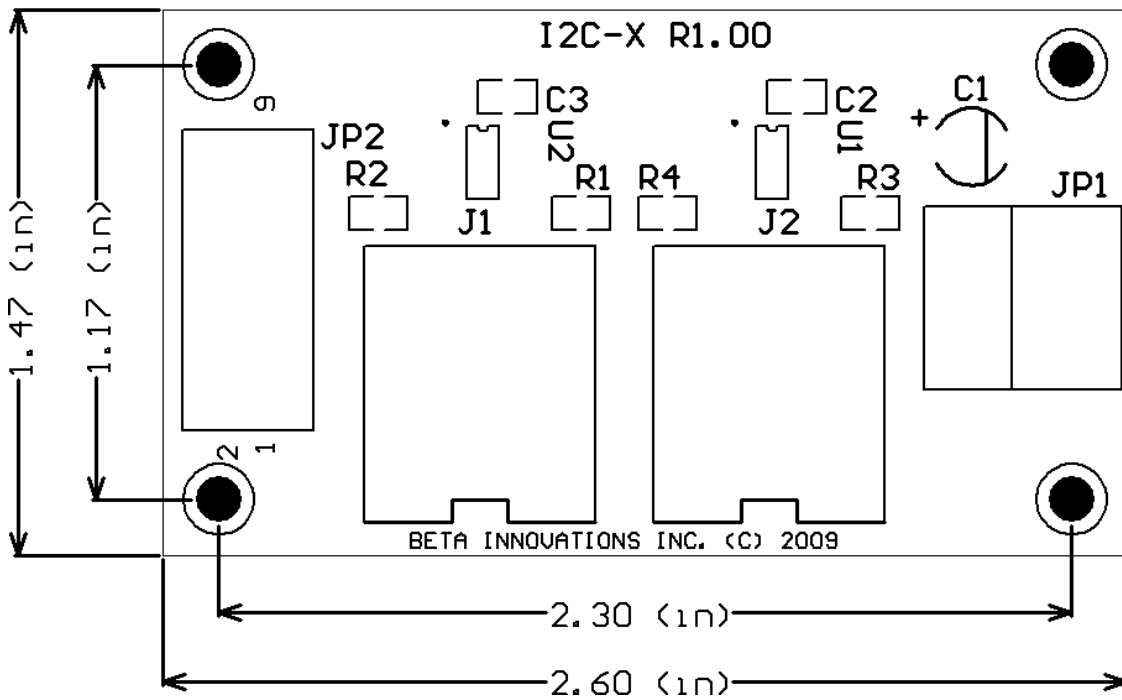
1. Connect the base I2C-X card port *JP2* to the ElectronFlux expansion port *JP1* using a keyed 10 pin IDC cable. This cable must not exceed 6" in length.
2. Connect a power source to connector *JP1* on the I2C-X card.
3. Connect one or two RJ45 patch cables to *J1* and/or *J2* on the I2C-X card. Ensure that the RJ45 cables are straight-through and not crossover type.



4. Two connection options are possible, *Daisy Chain* or *Star* topology as illustrated. Choose the method which best suits your setup.



Mechanical Specifications:



Visit www.betainnovations.ca for the availability of expansion modules and accessories.