

## Can I use active optical (or "powered") CX4 cables with your 10GBase-CX4 Myri-10G Network Adapters?

### Model:

10Gbase-CX4 Myri10G Network Adapters

### Software:

N/A

### Operating System:

N/A

### Information:

No, the active optical (or "powered") CX4 cables are of the type used by InfiniBand, and they do not work with our Myri-10G Network Adapters.

CX4-terminated optical cables won't work with Myricom Network Adapters because we choose not to provide power on the CX4 connectors. (It's contrary to 10GbE specs, and something found typically only on InfiniBand CX4 components.) The active-optical cables need power on each end for the electrical-optical conversion.

10GBase-CX4 cables are supplied to Myricom from multiple sources.

Here are some hardware details for 10GBase-CX4 cables from the Gore & Associates, Inc., website.

[http://www.gore.com/en\\_xx/products/cables/copper/networking/cx4/index.html](http://www.gore.com/en_xx/products/cables/copper/networking/cx4/index.html)

And here is an explanation of the difference between 10GBase-CX4 cables and InfiniBand cables from Gore's FAQ:

[http://www.gore.com/en\\_xx/products/cables/copper/networking/cx4/cx4\\_faqs.html](http://www.gore.com/en_xx/products/cables/copper/networking/cx4/cx4_faqs.html)

Revision	Date	Change
1	7/19/2016	Initial Draft
2	8/19/2016	Feedback Edits



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