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Subject: interconnect question

Posted by [replay](#) on Thu, 06 Feb 2003 11:41:36 GMT

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what is the difference in performance between 75 ohm stranded core interconnect cable ( also known as video cable ) versus balanced line cable ( the one with 2 separate wires and a ground ) ? bryston recommends 75 ohm "canare" cable to connect all of their components yet most wire companies make balanced interconnects for audio. what's the difference?cheers,george

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Subject: Canare, Cool!

Posted by [ToFo](#) on Thu, 06 Feb 2003 14:36:21 GMT

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Hey George,As it happens I am a big fan of Canare cables. I used to work in a special effects house and we were advised to try this cable for our audio and video feeds. All of their cables I have tried are incredible, and I have used them ever since. I am curious about the use of vid cable. There just arent enough conductors to wire for balanced XLR. Sorry I can't really answer the 75ohm video cable thing, I'm quessing it has to do with impedance matching. They make a lot of different stuff and they definately make something that will work for you. Does bryston list a model # for the cable they spec.? I really like the L-4E6S cable for mic or line, balance or single ended. 4 twin helix conductors, a full braided shield and cotton filling. If you find out more about this somewhere else, please post, I'm curious now.Thomas

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Subject: well, found something cool!

Posted by [ToFo](#) on Thu, 06 Feb 2003 15:01:00 GMT

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George,Found some folks who use either Belden or Canare video cable for their audio interconnects. Prices look good, and they use nice terminations. I think I know why the video cable. Impedance matching and very wide bandwidth(lots-o-teflon too). But you still can't do balanced runs with it. See linkThomas

<http://www.bluejeanscable.com>

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Subject: bryston uses....

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Posted by [replay](#) on Thu, 06 Feb 2003 16:52:58 GMT

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canare lv-61s 75 ohm cable. they are terminated with neutrik profi rca's. a 1m pair retails for \$100US. i can purchase this cable in bulk for 70 cents a foot per stereo pair and terminate it myself. bryston states that this cable shows no measurable signal loss at lengths up to 1000 feet. my friend has listened extensively to this wire and swears it sounds almost has good as the cardas neutral reference.cheers,george

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Subject: interconnect answer

Posted by [Wayne Parham](#) on Thu, 06 Feb 2003 18:56:02 GMT

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The difference between balanced and unbalanced signal pairs is that balanced lines are "push-pull" and unbalanced lines have a ground that the signal is referenced to. All other things being equal, a balanced pair is less sensitive to noise.The best things for noise reduction are:Being shieldedUsing balanced pairs, andBeing low impedanceWill you be in Lima?

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Subject: Thanks, I think i'll try that!

Posted by [ToFo](#) on Thu, 06 Feb 2003 20:33:39 GMT

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Thomas

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Subject: i'll be there!

Posted by [replay](#) on Thu, 06 Feb 2003 22:53:12 GMT

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my room is already booked. trying to get my buddy to fly us down in his cessna 172. the 6 hr drive is a drag. should be able to get there in under 2 hrs by plane. if i understand you, 75 ohm stranded core coax is the way to go. i'll be changing some cables soon. i also read you have to be careful when terminating this wire as some rca plugs are not 75 ohm compatible.cheers,georgeps. karlsons are being used as lamp stands now.

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Subject: Flying

Posted by [mikebake](#) on Thu, 06 Feb 2003 23:39:30 GMT

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Lima has a nice airport 8 minutes from the hotel. BTW, we've got some cool additions to the party, such as Bill Woods of Yorkville. Also looks like Ron Wellborn will be there and Madisound, too.MBB

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Subject: Logistics

Posted by [Wayne Parham](#) on Fri, 07 Feb 2003 04:03:05 GMT

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I know you're going to have your hands full during this gig, and the weeks before and after. But I may ask your assistance in getting shipments in and out of Lima. I won't ask you to pack or deliver anything, but if I were to have a truck deliver a carton care of you, would that be something you could possibly watch for? And similarly, when I leave, if I have a truck pick up a carton, could you maybe make sure and see that the driver finds it? These kinds of things may not be necessary, but I'm thinking about my options for getting stuff to Lima and back. I've not done this sort of thing before, and I'm looking for options that are easy on everyone. Any suggestions are welcome.

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Subject: Re: i'll be there!

Posted by [Wayne Parham](#) on Fri, 07 Feb 2003 04:10:55 GMT

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A shielded, low-impedance balanced pair would be the best. But unbalanced coax will work just fine.

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Subject: That is easy

Posted by [mikebake](#) on Fri, 07 Feb 2003 18:38:10 GMT

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to do. No problem. Several guys are doing that. They can be shipped to my house and stored in my attached workshop.

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Subject: Re: That is easy

Posted by [Wayne Parham](#) on Sat, 08 Feb 2003 19:48:28 GMT

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I really appreciate that. You say it's easy, but that's you being kind 'cause having all this stuff going on around you can be difficult. I know that, and I appreciate your efforts. I'll write or call you soon to discuss this, and how to make delivery shipments be the easiest for both you and I.

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Subject: Cool

Posted by [mikebake](#) on Sat, 08 Feb 2003 20:00:05 GMT

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I'm encouraging guys to ship ahead so their trip is easier. The storage location is secure, and just seeing a nice mound of crates with goodies in them will be a nice rush for me. nOrh is shipping all their stuff via boat to here, and we'll store it, as well as a bunch of other stuff.....it IS easier.....

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