
Subject: RJ45 connectors

Posted by [-MP-puddle](#) on Mon, 06 Mar 2006 12:09:53 GMT

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I have 3 PCs in the house and want to network them through a router.

Currently I am able to use a LAN. cable only between 2 PCs.

I was informed that to network, using a router and hard wiring that the RJ45s would need to be "straight" as opposed to "crossed".

The router will not setup and neither of the cables even light up at the rear of the PC when connected. I cant even use them as LAN. cables.

All connections are as per the diagram for RJ45 straight. All wires are properly crimped.

What has gone wrong?

Subject: Re: RJ45 connectors

Posted by [mision08](#) on Wed, 08 Mar 2006 06:36:38 GMT

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What Operating systems are you using? What is the name, and model of the router? What is the configuration, cable ISP? Can you reach the router Ip address? <http://192.168.1.1/>

Subject: Re: RJ45 connectors

Posted by [light](#) on Wed, 08 Mar 2006 09:27:43 GMT

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Most modern hubs/routers will automatically detect crossed/straight cables and behave accordingly.

However, best way is (as you have done) to use straight cables for each PC on the network. (I have a crossed going from my modem to my hub, the rest are straight).

If the lights aren't showing I can only presume that the electronic connection is not being established, so i'd blame the cable.

Do you have any pre-made cables you can try?

Subject: Re: RJ45 connectors

Posted by [mision08](#) on Thu, 09 Mar 2006 01:25:36 GMT

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Do you have any pre-made cables you can try?

I have to agree.

You need to establish a local connection between your computer and your modem. Then, a connection with your ISP. After that, incorporate the router, and establish a local connection to it

`http://192.168.1.1/`

At the password prompt, leave username blank, password = admin. Once all these things are done, you should only need to connect the other PC to the router and configure windows and its firewall. Damn, you should call your ISP, they are in a better position to help. Atleast they can tell you if they see your modem or not.

Also, a handy thing to know is at the run prompt type, cmd at command prompt type,
`ipconfig /all`
`ipconfig /help`

I've dazzled many a disgruntled user with a simple

`ipconfig /release`
`ipconfig /renew`
