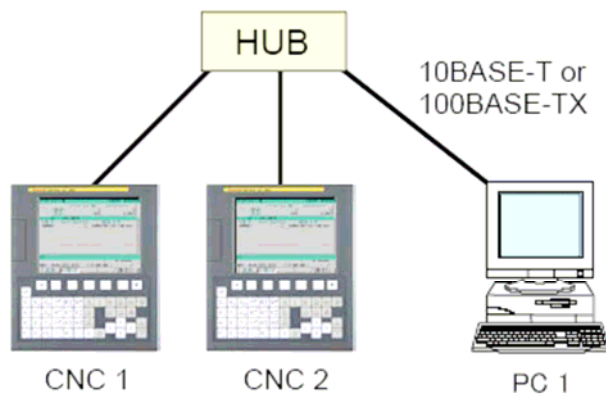
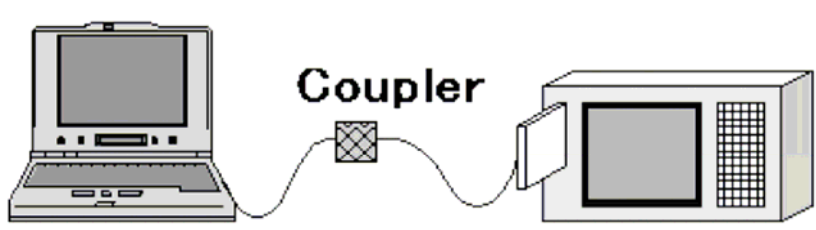


## Connecting cables to an Ethernet network

The more usual way to connect the CNC and PC to an Ethernet network is by using a HUB . In that case we could use a parallel (not crossed) standard Ethernet cables with RJ45 connectors, as indicated in the next figure:

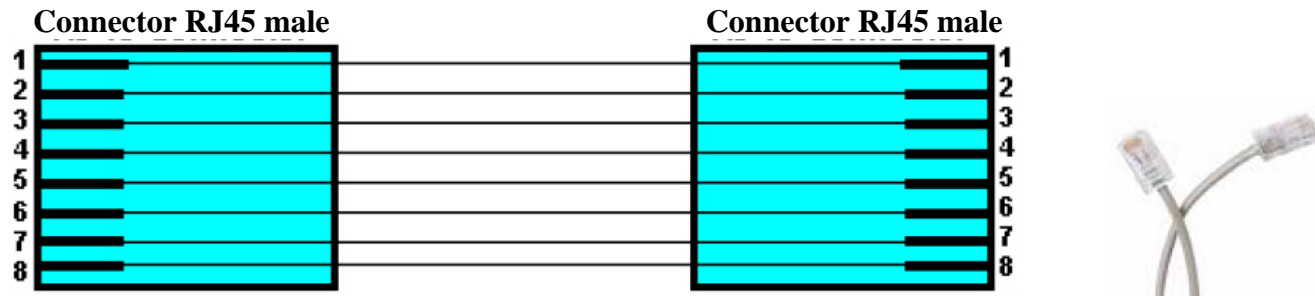


In the case of a direct connection point to point it would be by using a coupler converter (female-female) RJ45 . In this case we would normally use a crossover cable.

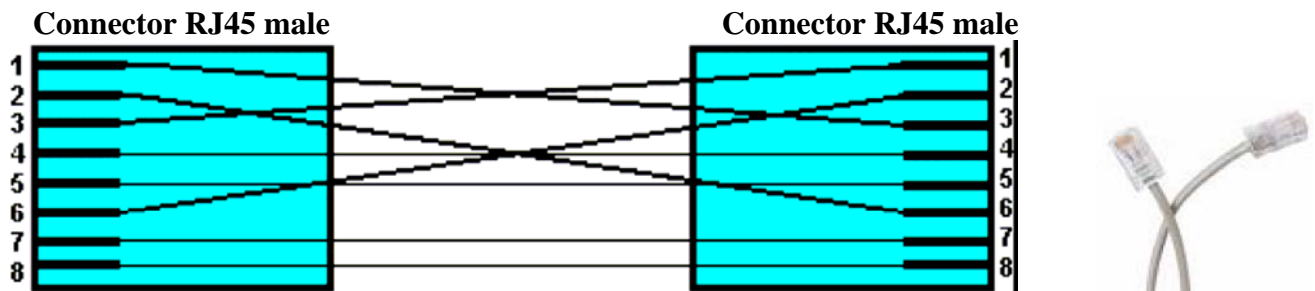


**Coupler converter (female-female)**

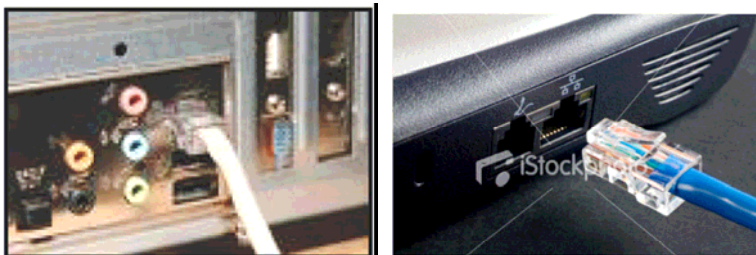
The normal Ethernet cable RJ45 “**not crossed**” is as follows:



The Ethernet cable RJ45 “**crossed**” is as follows:



Once we have the appropriate cables they should be connected to the PC , HUB and CNC



After having done the physical connection through the abovementioned cables, it is necessary to configure the Ethernet connection in both the CNC, PC.  
Look at the manual for that purpose.