

Why do I get a weak signal?

Please check the following configurations for optimising your network's signal level:

- We recommend you to keep a distance of 3 to 5 meters between the modem router and the WiFi adapters for an optimal signal level.
- It is also important to avoid the possible obstacles between the WiFi adapters and the modem router in an Infrastructure connection or between the WiFi adapters only in an Ad-Hoc connection.

The common known obstacles disturbing the signal level are:

- water (aquarium)
 - paper (bookcase)
 - reinforced concrete
 - armoured glass
 - wood
 - glass
 - stained-glass window
 - the human body
 - bricks
 - ceramics
 - plastic
 - any type of metal
- The modem positioning according to the adapters is also significant. You'll receive the radio waves at an optimal level if the adapters are physically positioned at a higher level than the router.

For this reason the Hercules PCI card has included a detachable antenna which can be positioned at a suitable level according to the modem router's position in order to receive the signal at an optimal level.

The Hercules USB2.0 Adapter can be configured in several ways for better capturing the WiFi signals. It is delivered along with a USB cradle which can be fixed on your desk. This cradle is provided with a 1 meter cable which allows a comfortable freedom of movement and positioning.