

My Wireless Router signal strength is low or keeps dropping off, why is this so?

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Many variables may cause the wireless product to not receive signals at the maximum advertised distance. For the average home, range should not be a problem. However, keep in mind that range is limited by the number of walls, ceilings, or other objects that the wireless signals must pass through. Typical ranges vary depending on the types of materials and background radio frequency noise in your home or business. The key to maximizing range is to follow these basic principles:

1. Keep the number of walls and ceilings to a minimum - Each wall or ceiling can rob your Wireless products range. Position your Wireless Router and computers so that the number of walls or ceilings is minimised.
2. Building Materials make a difference - A solid metal door or aluminum studs may have a negative effect on range. Try to position the wireless router and computers so that the signal passes through drywall or open doorways and not other materials.
3. Make sure that the antenna is positioned for best reception by using the software signal strength tools included with your product.
4. Keep your wireless router away (at least 3-6 feet) from electrical devices that generate Radio Frequency noise, like microwaves, Monitors, electric motors, UPS units, etc.
5. If you are using 2.4GHz cordless phones or X-10 (wireless products such as ceiling fans, lights, and home security systems), your wireless connection may degrade dramatically or drop completely.

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