

How to mount the antenna to capture most DVB-T2 channels

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1. Determine the proper antenna placement

The terrestrial digital signal DVB-T2 is transmitted in a straight line, and due to the curvature of the earth's surface in spherical shape, the reception of waves with a distance of over 100 km is difficult. To optimize DVB-T2 waves, the first step is to determine the location of the DVB-T2 base station.

Once the position of the DVB-T2 transmitter is correctly defined, you can use the Google map to find the direction of the receiving antenna and see how far the distance from the transmitter to the antenna is to select the antenna location so that best fit. Besides the distance and antenna direction, other important factors for DVB-T2 wave reception are the transmit power, antenna height and obstacles between the transmitting antenna and the receiving antenna.



If you are living near the station (about a few kilometers away) and have few wave obstructions, simply set the DVB-T2 antenna in the home to receive DVB-T2 waves well. Conversely, when further away, where there are more obstacles, you must select and install the antenna at a high position to receive DVB-T2 waves.

The reception of signals between buildings within a certain area is not the same, but it depends on the quality of the antenna. Therefore, the safest way is to buy an antenna from a reputable supplier that can be exchanged and returned when a change is needed. Some reputable antenna suppliers can choose from: An Vien Television, HT-TV, BAS, . In addition, there are some antennas placed in other houses but the price is quite expensive (about 300,000 VND / antenna). ten).

2. Select an indoor antenna or an outdoor antenna

Select indoor antenna when:

As we know the indoor antenna has a small, compact design and is often located near or on the TV, it will be suitable for households living in high-rise apartments, near the base station. Although it is aesthetically pleasing, indoor antennas show poor reception if you live far away from the base, the ground floor or many obstructions, the buildings are shielding .



Select an outdoor antenna when:

Your family in rural areas, mountainous areas, etc., should use this type of antenna, because the outdoor antenna has better reception capability than indoor antenna. When placing an antenna outdoors, you need to find a well-ventilated location, where the antenna can see the horizon, without obstruction.

Thanks to the external antistatic and anti-rust coating, which is able to withstand good weather conditions, you do not need to worry that the antenna is disturbed by household appliances such as fluorescent lights, cordless phones, etc.

Note when installing outdoor antenna:

1. Set the DVB-T2 antenna outdoors to avoid power lines, the antenna supports must also be sure. Moreover, if the head is high, it must ensure safety in case of strong winds, storms, .

2. Select the corresponding radio frequency by region, note the strength and quality to ensure the correct specifications (usually the intensity is greater than or equal to 40%, the quality is greater than or equal to 90%) .

3. Select the antenna connection with the receiver

Choosing antenna cables is one of the important jobs. It is known that coaxial cable has anti-interference ability as well as higher durability than parallel cable, so there is no reason why you do not use coaxial and good jack in all cases. The fact also shows that the spiral connector with coaxial cable is easy to install without the need for specialized tools. And yet, they also have good water resistance and very solid.



Some notes about antenna wires :

1. Choose high quality coaxial cable.
2. Try not to wire and bend the rope.
3. Outdoor antennas require lightning protection ground to ensure more safety.
4. Apply silicone sealant around the joints or tape insulation to protect outdoor connections when exposed to weather elements.

The above is a guide for you how to mount the antenna to capture the most DVB-T2 channels, hopefully the article will be useful to you.

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1. How to calculate the distance to view TV reasonably and safely for health
2. 3 mistakes when turning off the TV almost everyone has
3. Instructions to choose to buy television suitable for families with older people

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