

Satellite Antenna Snow Covers



- **Helps Prevent the Loss of Reception Due to Snow**
- **15oz Non Tear Vinyl**
- **Prevents the Heat of the Sun from Focusing on the Electronics**

Prevent Loss of Reception Due to Snow

When snow collects in the bottom portion of your uncovered satellite dish, the moisture content of the snow reflects the signal and prevents it from focusing properly on the feed horn. When enough of the signal is scattered, the picture is lost. Also, the sheer weight of the snow often pulls the aim of the dish down below the satellite arc and picture quality is lost.

Repeated heavy snowfalls will stretch the panels of mesh and perforated dishes, reducing the accuracy of the reflective surface. Particularly heavy snowfalls will cause the panels to pop out of the channels, and can actually bend the mounts. The added weight of snow puts unnecessary stress on the actuator and motor, and can cause premature failure of either or both. A Satellite Dish Cover will prevent a heavy accumulation of snow and avoid these problems.

A Satellite Dish Cover provides a more vertical surface, and the slick material combines with the effect of gravity to slide snow off the cover. Meanwhile, the satellite signal is allowed to pass through the material and properly focus on the feed horn.

Prevent Heat and UV Rays from Focusing on the Electronics

In all reflectors, a certain amount of the sun's heat and ultraviolet rays are focused back at the feedhorn, raising the temperature of the LNB, causing unwanted noise or interference in your picture, and thus accelerating the UV breakdown of the components. In light colored fiberglass antennas or solid metal antennas from which the paint has peeled this concentration of heat and UV is even worse. In extreme cases, the heat can actually melt the feedhorn components.

The sun is also brutal on the reflective surface of fiberglass antennas, oxidizing the protective coating and eventually turning the fiberglass to powder.

With a Satellite Dish Cover installed, the sun's energy is reflected directly back toward the sun and is not allowed to focus on the electronics while the satellite signal is allowed to pass through the cover and focus as it is intended. A Satellite Dish Cover takes the brunt of the sun, eventually wearing out because of it, but saving the antenna in the process at a fraction of the cost of a new reflector.

Signal Strength

The question most often asked about our covers is how much they affect the signal. The answer is that there is virtually no signal attenuation caused by our covers. The feedback that we have received from dealers who have collectively installed thousands of our covers over the years is that signal attenuation, is nil. By keeping the temperature of the LNB and of the reflective surface cooler, preventing damage to mesh or deterioration of fiberglass panels and preventing snow or ice buildup, the overall performance of the antenna is improved.