

As a safety precaution to our customers, we would like to point out that certain risks may arise when products are used under extraordinary operating conditions.

Wind Survival Ratings as shown in this catalog represent a mechanical design based on environmental conditions as stipulated in EIA-222-F (June 1996) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. The static mechanical load f is found by the formula as follows:

$$f=kAV^2$$

Where: f is the load
 A is the projected area of the antenna
 V is the wind velocity
 k is a constant unique to each antenna

Once the load f is found the resulting stress is found for each antenna with its mounting system. The stress at which failure occurs corresponds to a wind speed which is termed "Wind survival".

Operating conditions such as icing or exceptional dynamic stress (such as strain caused by oscillating support structures) may exceed the survival rating and result in the breakage of the product or even cause it to break away from its support and fall to the ground. Please consider these facts during the site planning and installation process.



All specifications are subject to change without notice