

# Minimize The Impact of Ka-Band Rain Fade with Walton Rain Quake

## Your Signal Without Walton Rain Quake



## With Walton Rain Quake



Rain Fade is a serious challenge with the new Ka-Band systems.

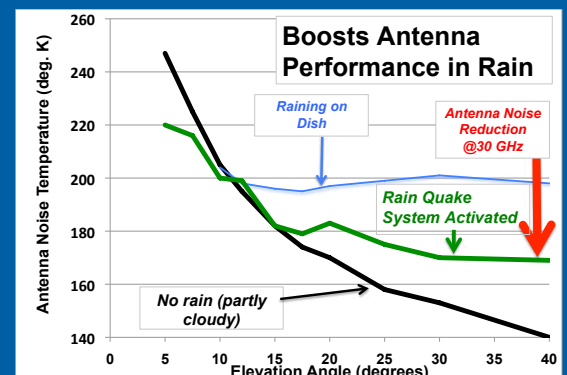
Signal attenuation at Ka-Band during heavy rainfall can be up to four or five times that of C/Ku-Band. Antenna wetting alone can add 2.7 to 3.9 dB of link losses at Ka-Band.

Walton Rain Quake systems reduce rain fade on your Ka-Band antennas, and protect your antenna G/T performance. During heavy rain conditions, Walton Rain Quake systems can reduce data loss — by over 20X compared to Ka-Band antennas without protection.

- Prevents water from sheeting on your antenna surface - and causing Ka or Ku-band rain fade — from VSATs to large antennas.
- Covers your antenna — keeping rain off with GORTEX® material that's virtually invisible to RF.
- Rain Quake is also the Ice Quake De-Icing System for year-round protection in areas with snow and ice.



## Rain Quake



Tests show that the Rain Quake System helps to minimize bit error rates and antenna noise temperature increases, as well as increase your link margins during a rain storm.

**WALTON**  
**DE-ICE**

**Rain Quake**

**Solar Cover**

**Ice Quake**