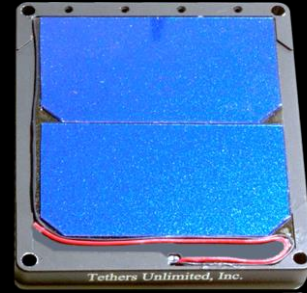




# TERMINATOR TAPE

High-Performance Deorbit Solutions for Small Satellites



## NSTT (NanoSat)

808 g  
 180 mm x 180 mm x 18 mm  
 70 m x 150mm  
 Four #4-40 SHCS, 150mm SQ Pattern  
 Available with NRE  
 SMA Actuator (9V or 28V options)  
 1.6A @ 9V for 30s / 0.9A @ 28V for 40s

## Specifications

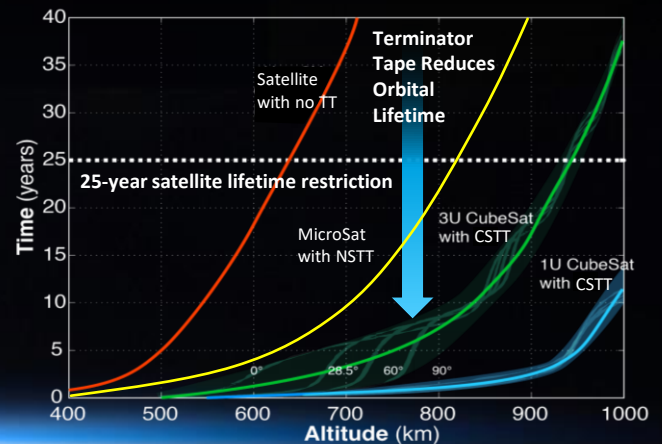
Mass  
 Size  
 Tape  
 Mounting  
 Optional Power  
 Activation Mechanism  
 Activation Signal

## CSTT (CubeSat)

83 g  
 100 mm x 83 mm x 6.5 mm  
 20m x 75mm  
 Four #2-56 SHCS, 92 x 75mm Pattern  
 Two 40 mm x 70mm Solar Cells  
 SMA Actuator (3V)  
 200-300mA @ 3V for 1 sec

## Operations

- Terminator Tape is mounted on the face of the spacecraft
- Solar cells are mounted to the top surface using electrical feedthroughs provided
- Upon completion of the mission, the spacecraft commands deployment of the Terminator Tape
- The module deploys a conducting tape, which generates neutral particle drag and passive electromagnetics drag to hasten the deorbit of the spacecraft



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