

## Sapling GPS Cable Options

Sapling offers a variety of master clocks with different options and features for you to choose from, depending on the application. One option is to have a master clock with a GPS receiver that allows the master clock to receive the accurate time via GPS satellite.

When a master clock with a GPS option is selected, the master clock will include a built-in GPS receiver, a GPS Dome Antenna and a 75 foot (22.8 meters) GPS Cable as standard. A GPS mounting Kit (pole and base plate) can be offered as an optional accessory (M-GPS-MTG-KIT-1).

In order to receive an optimal time data signal from the satellites (free service), the Dome Antenna needs to be mounted in an area that has a clear view of the sky (for this reason, most antennae are mounted on the roof of a facility). The connection between the Dome Antenna and the master clock is facilitated through the GPS Cable provided by Sapling.

Depending on the location of the master clock and the Dome Antenna, there could be a need for a GPS cable longer than the standard 75 feet (22.8 meters). For this reason, Sapling also offers the option of purchasing a longer cable in the following lengths:

**Part Number: E-ANT-CBL150F-1**  
150 foot (45.7 meters) GPS Cable

**Part Number: E-ANT-CBL300F-1**  
300 foot (91.4 meters) GPS Cable

Please note that the optional longer GPS cables offered by Sapling **have different characteristics than the standard 75 foot (22.8 meters) cable** since the time signal has to travel through a much longer distance. This allows for an optimum, reliable and continuous time data signal input from the GPS satellites.

Sapling tests each and every master clock along with the GPS cable for that specific master clock to assure reliable and consistent time signal input and proper functionality. Using a different GPS cable than the one provided by Sapling might not provide the needed time data to the master clock or might result in an unreliable time signal. **For this reason, using a different GPS cable than the one provided by Sapling is strongly discouraged and will void the master clock warranty and support.**

Please note that Sapling can also provide solutions for projects where a GPS cable longer than 300 feet (91.4 meters) is required.

For more information, please contact Sapling or your local dealer.

