



Pole Designed per AASHTO 2013 Specifications For A 120 mph Maximum Wind Speed When Supporting A Maximum Design Loading Of (3) .7 sq. ft. EPA And 20 lb. Cameras, Along With An Additional Loading Of (1) 14" x 18" x 20 lb. Power Supply Cabinet, Mounted On Strong's "Birdhouse" Adapter (8" x 12" & 15 lbs.).

The Combined Maximum Design Loading for This Pole Assembly per AASHTO 2013 Specifications For A 150 mph Wind Speed Is 2.9 sq. ft. EPA And 72.5 lbs. Weight.

Notes: 1. Approximate Pole Assembly Weight: 154 lbs.
2. Maximum Combined Moment At Base: 18558 ft. lbs.
3. Maximum Combined Shear At Base: 955 lbs.

Pole Designed per 2015 Florida Building Code When Supporting A Maximum Design Loading For The Maximum Wind Speed As Shown. Maximum Combined Weight Is 25 lbs. Per sq. ft. of EPA.

Wind Speed (mph)	130	140	150	160	170	180	190
Maximum EPA (sq. ft.)	10.0	7.7	6.5	5.6	4.8	4.2	3.6

Note: All Calculations Assume That The Pole Base Is Mounted No Higher Than 2'-0" Above Grade And A Combined Wind And Dead Load Deflection No Higher Than To 3% Of Pole Height.