



## SolsticeCam™ Sectional Poles

**SolsticeCam™ Sectional Poles** are designed to provide an affordable and flexible mounting solution, allowing installation with less effort than other direct-burial poles.

The poles are constructed of schedule 40 extruded Aluminum, giving strength with corrosion resistance. They come prewired with all cables internally routed, giving the system added protection from both vandalism and the environment.

All **SolsticeCam™** systems are backed by our performance warranty, giving you the confidence that your system will be available when you need it.





## MATERIAL

**6000** Series Aluminum Alloy Grade **6061** T6, Schedule 40  
**Ultimate tensile strength:** \*45,000 psi (310 MPa) typical.  
**Tensile yield strength:** \*40,000 psi (276 MPa) typical.

*\* Data provided by the Aluminum Association, Inc. and are not for design purposes.*

## DIMENSIONS

**SS-20DBP-4.5-AL-R-NT:** 20' x 4.5" diameter, 0.237" wall (7m x 114mm)  
**SS-20DBP-6-AL-R-NT:** 20' x 6.625" diameter, 0.28" wall (7m x 168mm)

**Sectional design:**

**SS-20DBP-4.5-AL-R-NT:**

**Wind Load Data:**

	Wind Speed EPA* (ft <sup>2</sup> )	90 MPH	110 MPH	120 MPH	140 MPH
<b>Main section:</b> 12' (3.5m)		27	17	14	9.5
<b>Base section:</b> 8' (2.5m)					
<b>Coupler:</b> 12" (305mm)					

**SS-20DBP-6-AL-R-NT:**

**Wind Load Data:**

	Wind Speed EPA* (ft <sup>2</sup> )	90 MPH	110 MPH	120 MPH	140 MPH
<b>Main section:</b> 12' (3.5m)		33.6	21.2	17.5	11.8
<b>Base section:</b> 8' (2.5m)					
<b>Coupler:</b> 14" (355mm)					

*\*Custom lengths can be requested.*

## WEIGHT

**SS-20DBP-4.5-AL-R-NT:** 81 lbs. (37kg)  
**SS-20DBP-6-AL-R-NT:** 147 lbs. (67kg)

## PROPERTIES

**Pole Type:** Direct-burial  
**Cross Section:** Round  
**Finish:** Satin-brushed finish

**Wiring:** Prewired with internal cable routing for added security.  
Main section rotates 360° to facilitate solar panel and camera alignment during installation and is secured in place with 3/8" set screws.

*\* Sun Surveillance reserves the right to change the specifications without notice. EPA calculations based on 1.3 gust factor and assumes top of pole fixture mounting height.*