

SPECIFICATIONS

CABLE RETAINER FOR 6" FOUNDATION ANCHOR

GENERAL: The Cable Retainer Assembly is designed to mount between a luminaire type pole and a 6" foundation anchor. The Retainer is designed to secure the electrical conductors to prevent conductor theft. The Cable Retainer Assembly is made to fit both existing and new installations using the pole to foundation anchor mounting hardware. (Figure 1)

MATERIAL: The Cable Retainer Base (Figure 1) shall be fabricated from ASTM A-36, or equivalent, steel sheet. Welding shall be done with qualified welders that exhibit quality workmanship with welds that are free of voids, pits, and excessive grinding marks.

All hardware (Nuts, Bolts, Lock Washers, and Flat Washers) shall be Type 304 Stainless Steel. The stainless steel nuts shall have a wax coating in the threads that reduce the possibility of seizing, or galling, on the stainless steel bolt.

The two Retainer Pads (Figure 1) shall be fabricated from 40 durometer, black neoprene that is die cut to the proper size and shape.

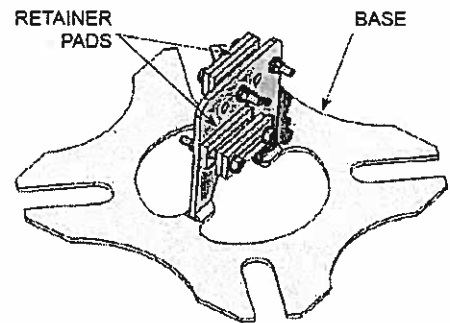


Figure 1 – SP-6200

- DESIGN:**
- 1) While the Cable Retainer Assembly is designed for a 6" foundation anchor, the assembly shall have four slotted holes to accommodate a wide range of pole mounting hardware diameters and bolt circles.
 - 2) The middle opening of the Cable Retainer Assembly allows the wiring, or conductors, to project through the assembly, where they can be clamped above, or reversely protrude into, the foundation anchor.
 - 3) The Cable Retainer must be capable of separating and clamping multiple conductors with different conductor sizes ranging from 3/16" to 1/2" outside diameter.
 - 4) The two neoprene Retainer Pads (Figure 1) shall compress together around all of the conductors to sufficiently clamp and insulate the electrical conductors.

FINISH: All fabricated steel components shall be hot dip galvanized per ASTM 123.

DELIVERY: Upon request, successful bidder shall make delivery of requested units within 15 working days after bid opening date.