

Terminate vessel's wiring to light's wiring using butt crimps, and use adhesive heat shrink tubing to prevent moisture from entering connection.

Position any extra cable from the vessel into the rear of the bracket, and secure the bracket to the vessel using # 10 flat head fasteners assuring the wire is clear of the mounting screw guides to avoid pinching the wire.

Firmly bend cable up 90 degrees to expose keyway slot.

Position light into bracket while pushing the extra inch of wire into the cable hole using the service loop.

Note: The light has a slot where the wire comes out and mates with the keyway on the bracket. Position the light to line up the keyway while pressing down to engage the keying. Secure light using the stainless steel lock washer, and ¼ 20 pan head screw. **Note: Check the bottom of the light to assure it is sitting flat and flush with the bracket verifying proper keying alignment.**

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Signal Mate Navigation Light Mounting Brackets

Termination bracket (model # BRKTTERM)

Rail Mount (model # RAILMT)

Mast Mount bracket (model # BRKTMMT)

For mounting lights with cut off angles less than 360 degrees, on the side of the vessel for the Port and Starboard lights; for forward mounting of the Bi-Color and Masthead; and AFT mounting of Stern and Towing lights.



The vessel's cable can enter the bracket from the rear, side, or bottom by drilling or filing to the desired opening for any size cable. The bracket has a removable tab on the bottom if needed.

1. For mounting the light on the side, forward, or aft on a **flat surface** with the termination bracket (**BRKTERM**).

2.125"W x 3.75"H x 2.625"D; 2.2 oz. Black ASA plastic

Choose a location to mount the light bracket, and mark the location for the two lower screws. (Note: The two upper screws are usually used for rail mounting.)

Drill pilot hole for a #10 flat head wood screw, or #10 flat head machine screw.

To install light, see step 4.

2. For Horizontal Rail Mounting (**RAILMMT**) .75" to 1.25" rails.

1.5"W x 1.5"D x 3.9"H; 6 oz. ABS and ASA plastic

Remove the screws and backing plate.

To install light, see step 4.

Attach to rail, tighten lock nuts and terminate wires using butt splices and adhesive lined heat shrink tubing.

3. For MAST Mounting (**BRKMMT**) on a **curved surface** to wrap around mast, post or pole.

2.125"W x 3.75"H x 2.75"D; 3.2 oz. Injection molded black ASA plastic.

Peel the adhesive paper off the protective foam and apply centering the holes over the lock nuts.

Position the mast mount firmly against the mast and mark the location to drill the holes in the plastic wrap around part of the bracket.

Mark the location to drill the mounting holes for either SS machine screws / Loctite, or for SS pop rivets.

To install light, see step 4.

4. For **Light installation**.

Remove ¼ - 20 SS screw, lock washer and light from bracket.

Cut light's cable to 8 inches, and strip back 2 inches of outer jacket.

Insert cable into the cable hole (bottom hole) leaving the light hanging just far enough (approximately 1 ") to have access to tighten the two mounting screws. Bend the cable in the rear of the bracket to go up one side of the fixture, and loop back down the other side to create a service loop.

