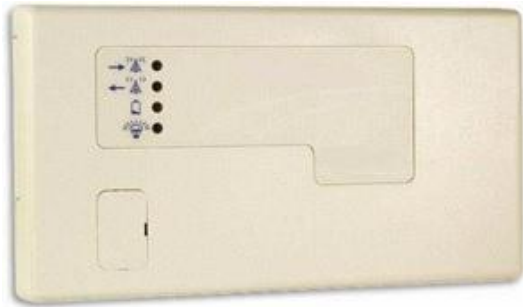


## High Power Repeater / Locator RP-5040 optional Outdoor Enclosure NE-100



RP-5040



NE-100

**Repeater Description:** The RP-5040 is a high-power Repeater for the Cornell Wireless Emergency Call Systems that are installed throughout the building to communicate the status and location of all wireless call stations. Repeaters then relay the signal to other repeaters eventually communicating the data to the alternate Area Control Gateways (NC-800R, RG6040, or RC-6080). Its range makes the Repeater/Locator a practical data communication infrastructure for open-air installations such as campuses, buildings with multiple wings, and other large wireless projects. The RP-5040 Repeater/Locator uses signal strength to ensure that the RP-5040 Receiver is sent accurate location information.

**Enclosure Description:** The NE-100 is a general purpose outdoor, plastic, all weather enclosure for housing the repeaters.

**Engineering Specifications:** The contractor shall furnish and provide the Cornell RP-5040 Repeater/Locator as indicated on the plans. Repeaters shall be programmed to wireless system specifications.

### Technical Information:

Dimensions: 3.5"H x 6.5"W x 1"D  
(89 mm x 165 mm x 25 mm)

Weight: 7.14 oz.

Environment: -4°F–140°F, 0%–90% non-condensing relative humidity

Power Required: 12–16.5 VAC or VDC (transformer included)

Backup Battery: 2450mAH @ 3.7V lithium-ion (included)

Backup Time: Up to 24 hours (varies depending upon repeater usage)

Repeater enclosure dimensions: 7" x 7" x 3"