

Product Specifications

ACR ResQLink PLB

GENERAL/ENVIRONMENTAL

Product Number 2880
 Model Number PLB-375
 Size P/N 2880 1.3 x 1.9 x 3.9" (3.3 x 4.8 x 9.9 cm)
 Weight 4.6 oz (130 g)
 Buoyancy Category 2, non buoyant

Product Number 2881
 Model Number PLB-375
 Size P/N 2881 1.6 x 1.9 x 4.5" (4.1 x 4.8 x 11.4 cm)
 Weight 5.4 oz (153 g)
 Buoyancy P/N 2881 Category 1, buoyant*

*The ResQLink+ is a buoyant PLB but is not intended for operation in water. Intended operational environments include on ground and above ground including held in hand. In all cases, the beacon must be facing skyward with the antenna perpendicular.

Material High impact and UV resistant plastic
 Color ACR-treuse™(high visibility yellow)
 Strobe Bright white, one flash per three seconds
 Activation Manual
 Operation 2 steps: deploy antenna, press ON button. Give clear view of sky

Waterproof 16.40 ft (5 m) @ 1 hr., 33 ft (10 m) @ 10 min.
 Factory tested @ 70°F, exceeds RTCM waterproof requirements

Accessories P/N 9521 Flotation Pouch for P/N 2880
[Approvals](#) [Cospas-Sarsat](#), [FCC](#), [R&TTE](#), Canada
 Meets AMSA (P/N 2880.64, 2880.65, 2881.64, 2881.65)
 PLB-375 meets the requirements of Federal Communications Commission (FCC) Part 95 Subpart K. For all other type approval information, please visit [our website](#).

Limited Warranty 5 years
 Lead Free Yes

TEMPERATURE RANGE

Operating -4°F/ -20°C to +131°F/ +55°C
 Storage -40°F/-40°C to + 158°F/+70°C

BATTERY

*Batteries meet the UN Classification for non-dangerous goods

Class Class 2 (non-hazmat) lithium batteries

Replacement Replacement due six (6) years from date of manufacture or five (5) years after beacon is placed into service, whichever is first, or after emergency use

Operational Life Exceeds 24 Hours @ -4°F/-20°C to +131°F/+55°C

406 MHZ TRANSMITTER

Frequency 406.037 MHz
 Output Power 5+ Watts
 Stability 2 ppb/100ms

DIGITAL MESSAGE

Format 144 bits
 Long Message Serialized*
 Message Protocol Standard Location
 Duration 520 ms
 Rate 400 bps
 Encoding Biphase L
 Modulation ±1.1 radians peak

* Beacons are shipped from ACR with a Serialized code but can be reprogrammed at a service center to other coded formats including nationality of registration.

121.5 MHZ TRANSMITTER

Frequency 121.5 MHz
 Tolerance ±50 ppm
 Output Power >25mW PEP (typical 63mW)
 Morse Code "P" ID Every 50 seconds(approx.) (U.S. Protocol)

MODULATION

Type AM (3K20A3N)
 Sweep Range 500 to 1600 Hz
 Sweep Rate 4 Hz
 Duty Cycle 33.3%
 Morse P AM (2K00A2A)

ANTENNA

Frequency 406.037 & 121.5 MHz
 Polarization Vertical
 VSWR Less than 1.5:1



CAUTION: Contains lithium batteries. Do not incinerate, puncture, deform, short-circuit or recharge. Do not dismantle the PLB, contains no user-serviceable parts. Dispose of the used PLB with the battery removed in accordance with local waste disposal regulations.

Download [MSDS Sheet](#)