

210A (Angled)

50kHz to 200kHz

The Model 210A “Dead Rise” transducer incorporates a uniquely designed housing that will ensure the beam angle is always “normal” to the sea bottom by compensating for the Dead Rise of the vessel. No fairing block required.

Options:

- Temperature sensor
- 12 degree Dead Rise
- 20 degree Dead Rise

Applications:

- 210A - Fiberglass or wood hulls

Specifications:

- Housing and nut material: Bronze
- Standard cable length: 30 feet
- Weight: 3.1 lbs. For Bronze



Performance Data

| FREQUENCY (kHz) | BEAM WIDTH (degrees @ -3db) | ELEMENT SIZE (inches) | CAPACITANCE (pf) | IMPEDANCE (ohms) | TRANSMIT RESPONSE (db) | RECEIVE RESPONSE (-db) | POWER RATING, RMS (watts) | COMMENT |
|-----------------|-----------------------------|-----------------------|------------------|------------------|------------------------|------------------------|---------------------------|------------------------------|
| | | | NOTE (1) | NOTE (2) | NOTE (3) | NOTE (4) | | |
| 200 | 11 | 1.7 | 1900 | 300 | 163 | -185 | 600 | Dual frequency, 200 & 50 kHz |
| 50 | 45 | 1.7 | 1600 | 440 | 156 | -173 | 600 | Dual frequency, 200 & 50 kHz |

(1) with standard length cable. (2) equivalent series R in water. (3) the source level generated by one watt input. (4) the open circuit RMS voltage generated by a pressure of one microbar.