



## SR50ACBL-L

Cable for SR50A Sonic Ranging Sensor



More info: 780.454.2505

[campbellsci.ca/sr50acbl-l](http://campbellsci.ca/sr50acbl-l)

## Overview

The SR50ACBL-L connects the SR50A to a datalogger. It consists of a two-twisted pair, 22 AWG cable that has a Santoprene jacket. Insulation colors of the twisted pairs are red/black and green/white. An aluminum Mylar shield is grounded via a drain wire. The SR50ACBL-L

cable assembly is RoHS compliant.

The “-L” on a product model indicates that the cable length is specified at the time or order.

## Benefits and Features

- RoHS compliant
- Supports multiple communication types
- Wide operating range

## Specifications

- Selectable outputs: SDI-12 (version 1.3), RS-232, RS-485
- Maximum cable length:
  - SDI-12: 60 m
  - RS-232: 60 m (default 9600 BAUD or less)  
30 m (384000 BAUD)
  - RS-485: 300 m
- Cable type: 4 conductor, 2-twisted pair, 22 AWG, Santoprene jacket
- Cable jacket:
  - Cable diameter: 6.22 mm (0.245 in.) nominal
  - Jacket thickness: 1.04 mm (0.041 in.)
- Cable conductors:
  - Nominal wire diameter: 0.76 mm (0.03 in.)
  - Insulation type: Polypropylene Pro-Fax 8623, 105°C
  - Voltage Rating: 30 V nominal
  - Insulation thickness: 0.406 mm (0.016 in.)
  - Conductor diameter: 1.575 mm (0.062 in.)
  - Calculated capacitance
    - Conductor to conductor: 15.49 pF/ft
    - Conductor to shield: 66.01 pF/ft