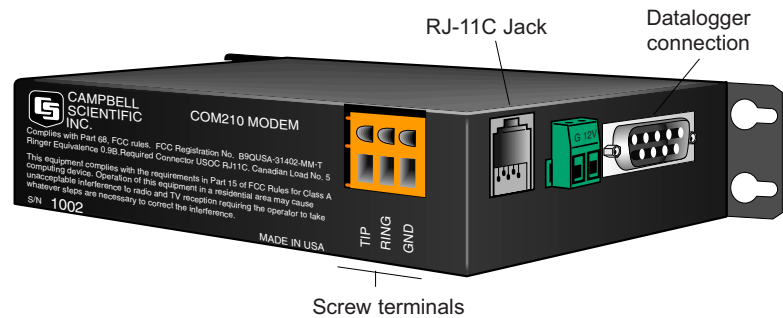


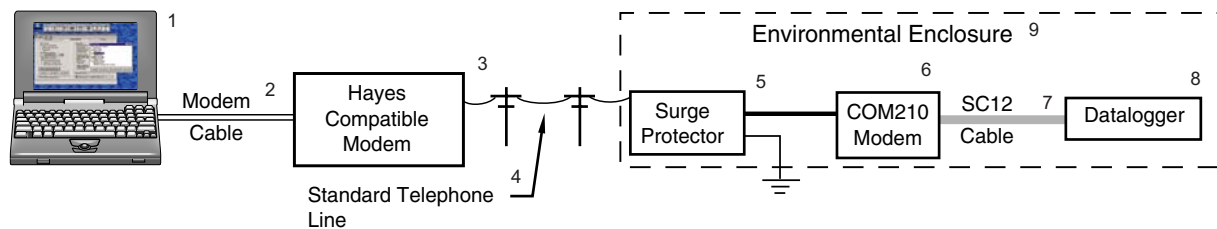
Telephone Modem

Model COM210

The COM210 modem enables communications between a computer and a Campbell Scientific datalogger over a public switched telephone network. A Hayes-compatible modem is required at the computer base station. The COM210 connects to the datalogger at the field site. The COM210's wide operating temperature range and low power requirements make it ideal for use at remote sites.



The RJ-11C Jack connects the COM210 to a surge-protected phone line. Alternatively, the screw terminals connect the COM210 to a phone line via a surge protector.



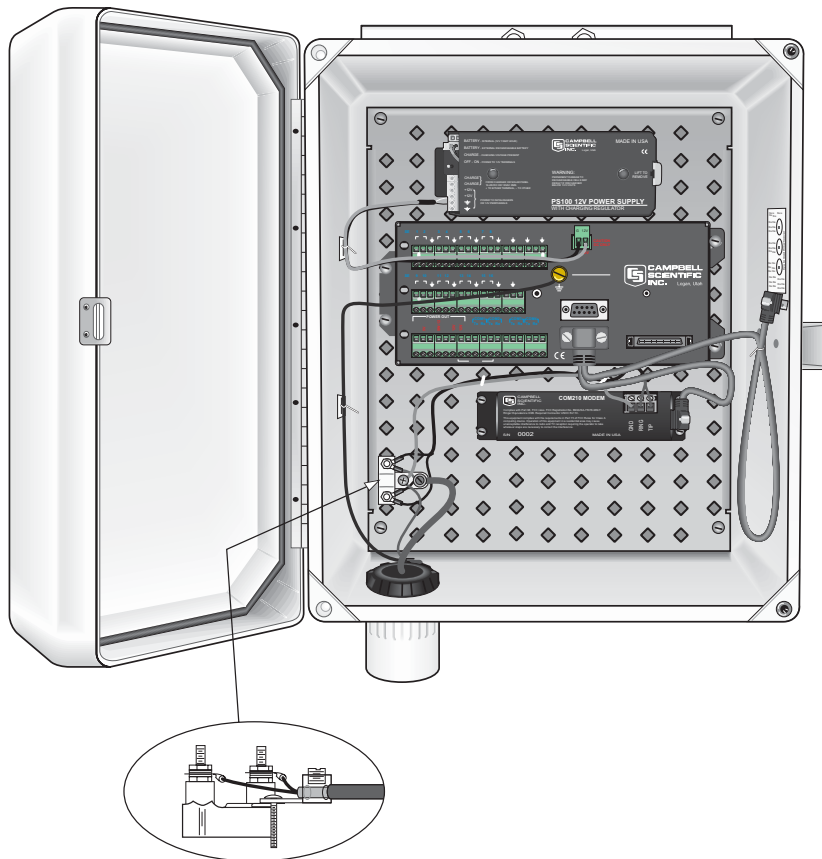
Hardware Requirements

At Computer Base Station

- 1) User-supplied PC running PC400 or LoggerNet Datalogger Support Software
- 2) Serial cable (7026 for 9-pin serial ports, SC25PS for 25-pin serial ports, or equivalent)
- 3) Customer-supplied, Hayes-compatible modem
- 4) Switched telephone network that connects the computer base station with each datalogger field site

At Field Site

- 5) Telephone surge protector if the telephone company has not installed surge protection
- 6) COM210 modem
- 7) SC12 cable (included with COM210); the longer SC12R-6 cable is available as an option
- 8) CR510, CR800, CR10X, CR1000, CR3000, CR7, or CR5000 datalogger
- 9) Typically an ENC12/14, ENC14/16, or ENC16/18 environmental enclosure
- 10) Power supply, usually the datalogger's sealed rechargeable battery recharged with ac power or solar panel



COM210 in ENC12/14 enclosure with CR1000 datalogger, PS100 power supply, and enclosure-mounted surge protector (Model 6362).

COM210 Specifications

- Standards
Bell 212A, CCITT V.22, V.32bis
- FCC Registration
B9QUSA-31402-MM-T
- Operating voltage:
12 volts
- Current drain
120 μ A quiescent
160 mA active
- Bits per second (bps)
1200, 4800, 9600
- Speaker
- Operation
Full-duplex over standard analog phone lines
- Operating temperature
-25° to +50°C std, -55° to +85°C optional
- Size
5.2" x 1.7" x 3.6" (13.1 x 4.3 x 9.2 cm)
- Weight
0.75 lbs (.34 kg)
- COM210 shipped with SC12 cable, ground cable, and telephone patch cord