



## **SIM (Surface Inductive Modem)**

**Product #:**

**SIM**

**USD Price:**

Contact Sea-Bird

The Surface Inductive Modem (SIM) is a vital link in Sea-Bird's inductive modem (IM) telemetry systems, which provide data communications without the need for underwater electrical connections. The SIM provides the link between the underwater IM instruments and the computer / buoy controller. Communication with the computer / buoy controller is via RS-232.

SIM-Direct is for typical cable-to-shore applications, where the inductive modem wire is insulated above the surface and connected to the SIM. A second wire from the SIM connects directly to seawater ground.

SIM-Coupled is useful for buoy applications, where the jacketed wire is grounded to seawater on each end and connected to the SIM via an Inductive Cable Coupler (ICC).