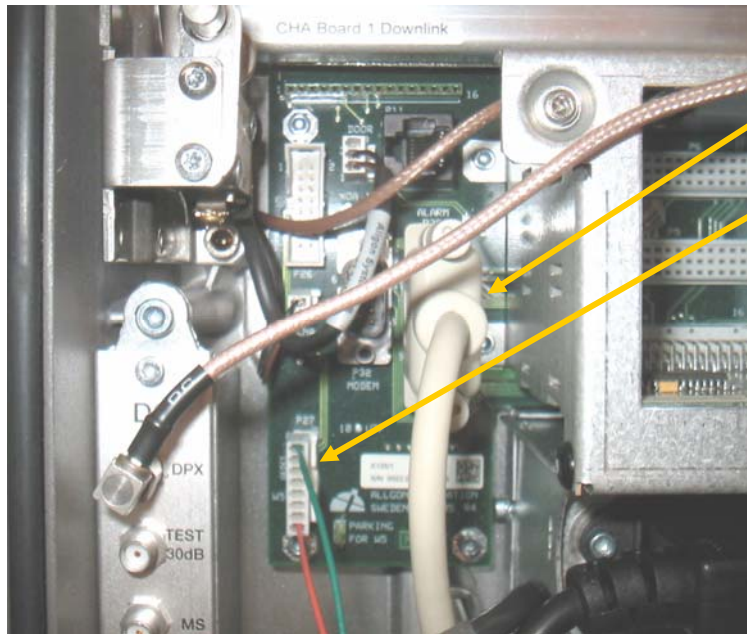




sitePORTAL Lite to Powerwave AR Series Repeater Alarm Interface



Instructions:

P33 Alarm Port

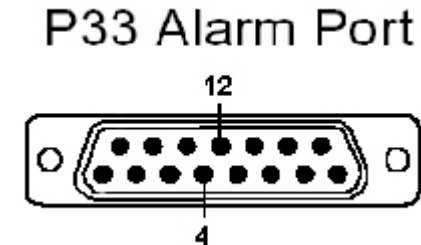
P29 Auxiliary Connector

Connect the 8 foot coaxial cable from the MS -20dB connector of the directional coupler to the wireless modem in the sitePORTAL

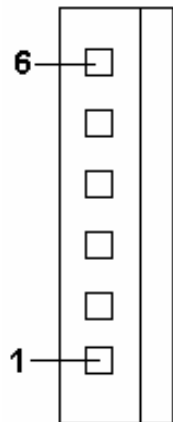


P33 located on the left side (service side) of the Powerwave AR Series repeaters provides one of the alarm points necessary to interface to the sPL.

Pins 12 and 4 of interface P33 are used to relay the alarm information from the AR Series repeater to the sitePORTAL Lite. Alarms which are internal as well as external (feeding into the repeater) are relayed out via this contact closure.



P29 Auxiliary Connector



P29 located just below and to the left of P33 provides an “all fail” indication for the repeater. When the repeater is operating there will be 6 volts between Pin 1 and Pin 6 (Pin 6 is ground).

By connecting Pin 1 to an analogue input on the sPL and connect Pin 6 to the analog ground the sitePORTAL Lite will be able to monitor the powered state of the repeater.