

RLH Industries, Inc.
2W/4W Power Coupler
8806-1251-02

The 2-Wire/4-Wire Power Coupler P/N 8806-1251-02 (Verizon#309596) inserts DC power onto “dry” pairs used in 2 wire SCADA service and Audio Tone Protective Relaying lines in order to power (1 or 2) 2-Wire Data CO Cards or (1) 4-Wire Data CO Card via a 24-54 VDC supply.

Screw-down terminals on the power coupler enable the connection of all inputs and outputs. Following are the Power Coupler specifications:

Specifications:

| | |
|----------------------|------------------------------|
| No. of 2-Wire lines: | 1 or 2 |
| No. of 4-Wire lines: | 1 |
| Voltage Rating: | 24-54 VDC |
| Current Output: | 2-Wire: 50mA 4-Wire: 25mA |
| Insertion Loss: | 1.5 dB each direction |

The Power Coupler:

- Enables selection between 2-Wire and 4-Wire with one switch.
- Must be used outside the zone of GPR or at the RDL.
 - If used with a Solar Power Supply to power a two-wire PCB within the zone of GPR, must be located within 100 Ohms of the PCB.
- Can be used at a Telco CO to insert CO Battery onto one 4-Wire system or 1 or 2 2-Wire systems.
- Is not weatherized.

