

POE-INJ/SPLT-G Install Guide

1. The POE-INJ/SPLT-G is designed for use indoors or outdoors in a protected environment inside a weatherproof enclosure.
2. The unit can be used as a gigabit 4 pair injector or splitter. If used as an injector, DC power is supplied on the wire terminal connector and that power is transferred to one of the RJ45 Connectors. PoE Voltage OUT = DC Voltage IN. The unit can handle up to 2.5A continuous power. Data is passed through.
3. If used as a splitter the unit receives power via the RJ45 input connector and transfers that power to the wire terminal connector. PoE Voltage IN = DC Voltage OUT. The unit can handle up to 2.5A continuous power. Data is passed through.
4. The DC Wire Terminal Connector has two V+ connections for convenience and one V- connection. The FG connection is for connecting to Frame Ground/Chassis Ground/ Earth Ground. The FG connection is connected to the RJ45 shields and is useful for lightning protection when using shielded Ethernet cables.
5. Pinout is 1,2,4,5(V+) and 3,6,7,8(V-). It is 4 Pair Passive PoE sometimes referred to as High PoE.
6. Please see below a typical application using one unit as an injector and another unit as a splitter to carry 140W power over 100m of CAT5/6 cable:

