

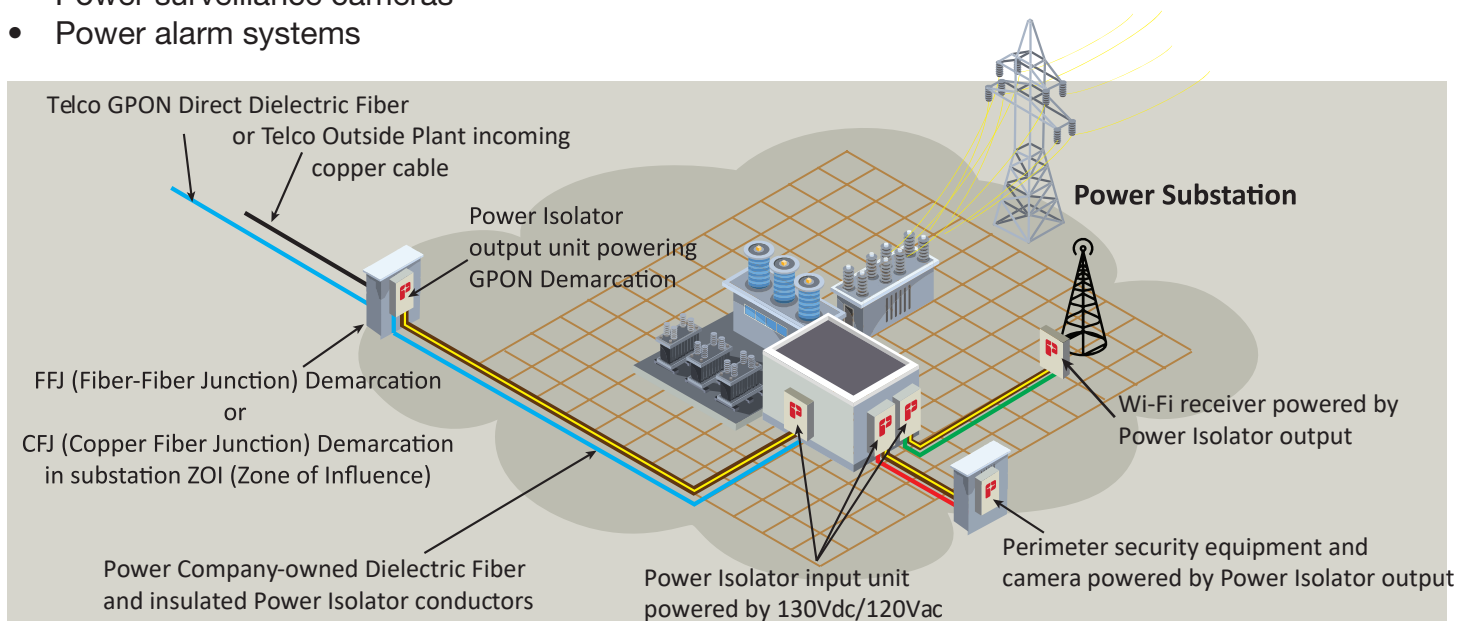
# Positron Power Isolator

Positron is pleased to announce the Positron Power Isolator, a system for delivering high-voltage isolated 100 Watts @ 48 Vdc up to 2,000 feet from the substation power source.

It accepts an input voltage of nominal 130 Vdc or 120 Vac and provides a regulated floating output of 100 Watts @ 48 Vdc, with an isolation rating of 50 kV<sub>rms</sub> (70 kV peak).

## Applications:

- Power a GPON Fiber-Fiber Junction (FFJ)
- Power a Copper Fiber Junction (CFJ) inside or outside of the substation Zone of Influence (ZOI)
- Power the substation's wireless receiver in the switchyard
- Power surveillance cameras
- Power alarm systems



## Safe to use in GPR and lightning environments

- Provides 50 kV<sub>rms</sub> (70 kV peak) isolation from any remote ground reference

## Eliminates the need for solar power, batteries and their maintenance

- Brings isolated power to crucial systems anywhere you need it
- Requires no maintenance

The system consists of two fiberglass 12" x 14" x 6" NEMA 4X rated closures, each containing sophisticated power conversion electronics with Positron's unique high-voltage isolation technology.

## Ordering Information

[www.positronpower.com](http://www.positronpower.com) | Toll Free: 1-888-577-5254 | Tel: 514-345-2220 | Email: [info@positronpower.com](mailto:info@positronpower.com)