rfi engineering

3 Port 19" 1U PoE Injector 48V

RE.99.3POE

THE FUTURE IS HERE. IT'S JUST NOT CONNECTED YET

3 Port PoE injector 48V

The RE.99.3POE is a three port IEEE 802.3af compliant power injector that runs entirely on standard 48V DC, as commonly found on remote telecom sites. The power injector gives you a quick, safe, and economical way to add PoE to existing non-PoE network links. Simply run your Ethernet line through the injector to power remote LoRa Base stations, VoIP phones, surveillance cameras, wireless access points, and other PoE equipment.

The RE.99.3POE provides a complete solution for detection and powering of Ethernet devices in an IEEE 802.3af compliant system. Each port will detect, classify, and provide isolated 48V power to an Ethernet device connected to the port. The RE.99.3POE senses removal of a device with IEEE 802.3af compliant AC or DC methods and turns off 48V power when the device is disconnected.
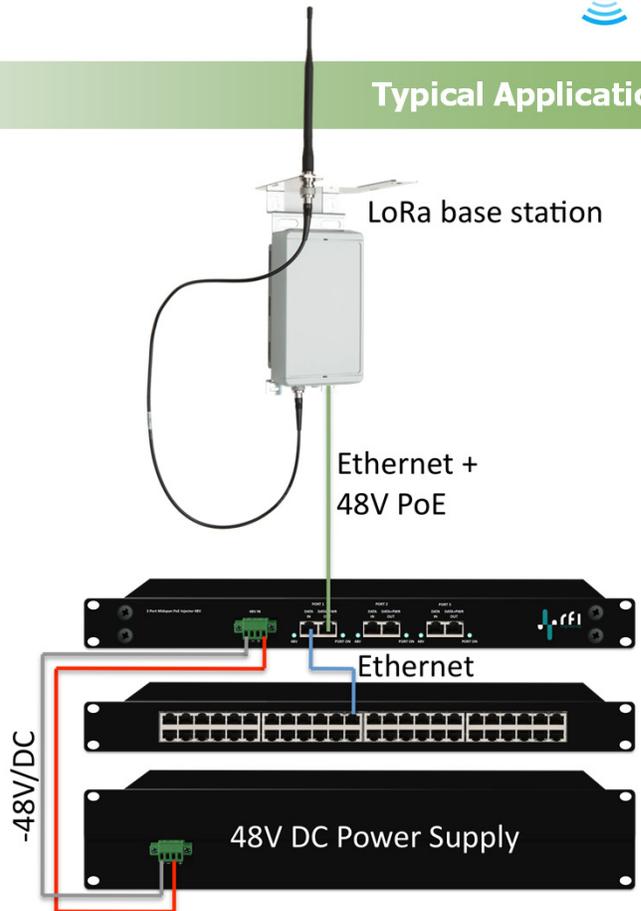
Features

- ✓ All connectors accessible from front panel
- ✓ 3x Ethernet PoE port (6x RJ45 connector)
- ✓ 3x 48V power LED (blue)
- ✓ 3x Port status LED (green)
- ✓ IEEE 802.3af compliant signature detection
- ✓ 48V connection through terminal block
- ✓ Meets Safety Agency Requirements
- ✓ Complies With EMI/RFI Regulations
- ✓ CE, RoHS and WEEE Compliant
- ✓ Black, 19" 1U steel enclosure
- ✓ Aluminum 19" front panel
- ✓ 3 Year Warranty

LoRa

Typical Application

Power Requirements

Power Connector	38VDC…56VDC, 50Watt max.

Plug-and-play installation; this midspan power supply automatically detects all devices with support for PoE and supplies inline power

Environmental

Operating Temperature	-10º to 40ºC with no derating
Storage Temperature	-30º to +85ºC
Relative Humidity	5% to 95% non-condensing
Cooling	Convectional - non vented case

Mechanical

Case Dimensions (19", 1U)	440.0L x 105.0W x 44.0H (mm) 17.3L x 4.1W x 1.73H (inches)

LoRa base station

Ethernet + 48V PoE

Ethernet

-48V/DC

48V DC Power Supply

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CE **RoHS**