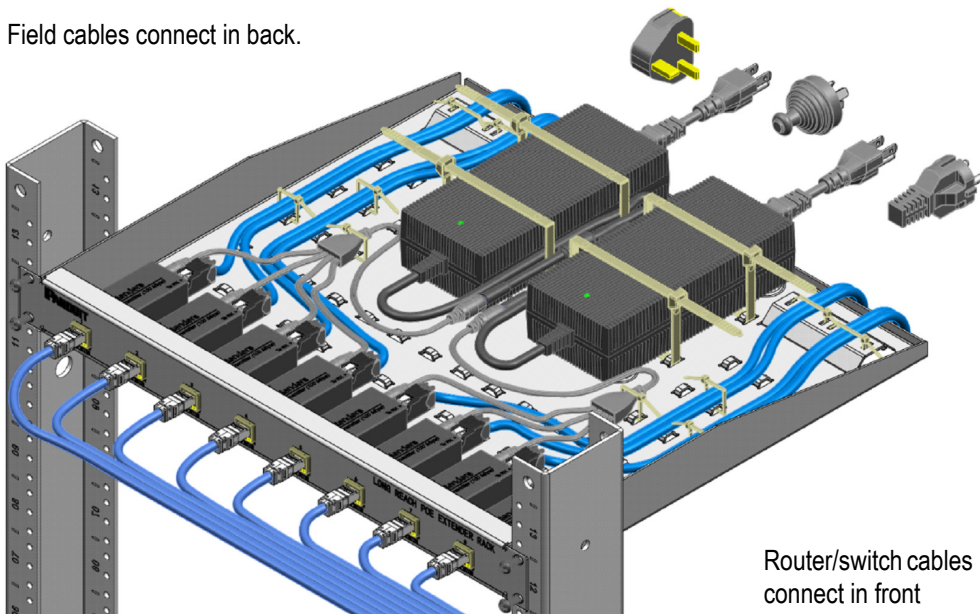


A fully loaded POEXPANEL installation is shown below. *PANDUIT* items shown, but not included with the POEXPANEL include:

- The POEXPANEL can hold (8) PoE Extender One-Port Transmitters (P/N: POEXTX1).
- POEXTX1 transmitters connect to One-Port or Four-Port Receivers (P/N: POEXRX1 & POEXRX4).
- If injecting power at the transmitters, use a universal AC/DC 190W power supply (P/N: POWER-190W) which includes a 1-to-4 DC power splitter. The rack can hold (2) 190W power supplies and splitters.
- The 190W supplies plug into local AC by 10A power cords with IEC60320-C13 female plugs. *PANDUIT* 6 foot (1.83m) power cords are available for LATAM, EU, UK, and China (P/N: C13CORD-B, C13CORD-F, C13CORD-G, and C13CORD-I).
- Horizontal (backbone) cable of Category 5E or higher is required, with 23AWG Category 6 or higher recommended.
- *PANDUIT* field terminable or standard RJ45 plugs, straight or 45-degree angled.
- Standard 19-inch racks, in various colors and heights, available from *PANDUIT*.

Field cables connect in back.



POEXPANEL includes an accessory kit containing the following parts:

QTY	PART
1	This installation guide
4	Black screws #12-24 Phillips, 0.5" long
4	<i>PANDUIT</i> Cable Ties 14.5" long, natural
10	<i>PANDUIT</i> Cable Ties 3.9" long, natural

The 14.5" cable ties are for the power supplies (shown around them in the picture at the left).

Router/switch cables connect in front

The 3.9" cable ties are for wires (A suggested placement is pictured.)

INSTALLATION: DO NOT POWER POEXPANEL EQUIPMENT UNTIL INSTALLATION IS COMPLETE (STEP 6 OR STEP 8)!

1. Remove the Long Reach PoE Extender Rack (POEXPANEL) and accompanying accessories from their packaging.
2. Install the POEXPANEL in a standard 19" equipment rack with the screws provided. If the 190W power supplies are used, there must be 1 RU of free space above the rack. Free space above the rack aids access for installation and troubleshooting.
3. Slide the switch on the POEXTX1 transmitters to the speed desired, 100 Mbps or 10 Mbps, for the transmitter-receiver link.
4. Install the POEXTX1 transmitters by sliding them into place from the rear of the panel. The end of the POEXTX1 with the text "TO SWITCH" printed near the RJ45 fits into the POEXPANEL. Rack tabs and gravity hold the transmitters in place.
5. Plug the field wires from the receivers (POEXRX1 or POEXRX4) into the rear RJ45s of the transmitters in the panel. Use the cable ties to hold the wires and system in place.
6. Install wires (100m/328' max) from the POEXPANEL front to Ethernet switches/routers. If using 190W power supplies, disable PoE power on switch ports connected to the transmitters. If using PoE switch power, installation is complete.
7. If using 190W power supplies, secure them to the panel using the long cables ties provided. Plug the 1-to-4 adapters into the DC barrel output of the power supplies and into the transmitters (maximum of 4) that they will power.
8. If using the 190W power supplies, plug the power cords into them and into the AC supply. Turn on the AC, if switched off.