

In commercial applications, the QD-LCF-400-3P Line Filter, manufactured by Astrodyne, separates power line communication domains across the Enphase IQ8D Microinverter™ installation when multiple Enphase IQ8D Commercial Gateways™ are located on a single utility transformer or when site loads generate electrical noise that disrupt communications.

Connect both the Enphase IQ8D Commercial Gateway and Enphase IQ8D Microinverters on the array or load side of the filter, and wire the utility feed to the line side of the filter.

- Recommended torque for M10 terminals is 18 Nm (160 in-lb)
- Recommended conductor size for 400A continuous is 500kcmil
- Mount in an appropriate enclosure using the mounting holes

- A. Line side
- B. Load side

