

ETH and 802.3at POE + Bridged Extension up to 400 m (1312 feet)

The DataMover ETH extender bridge kit is comprised of 3 modules:

- POE power Injector (not IP 67)
- Origin Driver Module, IP40 (collocated with POE injector)
- Termination Module, IP67 in mast-mount enclosure that includes the clamp.



Features:

- Bridges 802.3 Ethernet cable runs up to 400m (1312 feet), runs of Cat6 cable.
- 48V POE plus 25W delivery to remote device.
- Water resistant, IP67 Termination enclosure with mast clamp.
- No mid-span device needed.

The POE injector is at the origin of the run and it is AC powered. The injector provides POE power at 57V for the extender Origin module and Termination module. The Termination module outputs 50-57V output depending on cable length and load. Current output is limited to 0.5A at 50v. per 802.3.

Extender Kit Specifications:

Extension distance:	Max 400m (1312 feet) to IP67 termination device Further 100m (max) to IP remote device
Power consumption:	48V 85 mA for extender alone
Ethernet:	10/100
Origin unit size:	4.75 x 1.5 x 1"
Termination unit size:	8" x 8" x 3.25" not including clamp.
POE Input:	57V @ 0.55A
POE output:	50- 57V. 0.5A max at 50V.
Operation Temperature:	-30C to +65C

POE Injector Specifications:

AC input:	90 - 260 VAC, 47 - 63 Hz
POE Power Output:	57V 0.65A max
Surge Protection:	Common Mode
Clamping Voltage	11V Data, 77V Power
Max Surge Discharge Current:	1200A (8/20 uS) Power
Peak Pulse Current:	36 A (10/1000 uS)
Operation Temperature:	-10C to 65C

Mast Mount Termination Unit. Clamp is removable.

