

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

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

- POE power Injector
- Origin Driver Module, IP40 (usually collocated with POE injector)
- Termination Module, IP67 in mast-mount enclosure.



Features:

- Bridges 802.3 Ethernet cable runs up to 400m (1312 feet), single runs of cable.
- 24V POE Delivery to DM WB radio or SIMREX Switch.
- Water resistant, IP67 Termination enclosure with mast clamp.

The POE injector is at the origin of the run and it is AC powered. The injector provides POE power for the extender Origin module and Termination module. The Termination module converts 48V POE to 24V POE for the Destination Simrex devices.

Extender Specifications:

Extension distance max: 400m (1312 feet).
Power consumption: 48V 85 mA.
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: 48V 0.3A
POE output: 24V 0.4A
Operation Temperature: -30C to +65C

POE Injector Specifications:

AC input: 90 – 260 VAC, 47 – 63 Hz
POE Power Output: 48V 0.5A 802.3af
Size: 3.2 x 3 x 1.5"
Surge Protection: Common Mode
Clamping Voltage: 11 V Data, 77 V Power
Max Surge Discharge Current: 1200 A (8/20 uS) Power
Peak Pulse Current: 36 A (10/1000 uS)
Operation Temperature: -10C to 65C

Mast Mount Termination Unit. Clamp is removable.

