

# AER800-4P

## ADSL LOOP EXTENDER

The AER800-4P ADSL Loop Extender is a modular card based amplifier system designed from the ground up to be a robust build-out solution. It starts with an IP66 rated enclosure containing a backplane that supports both express powered and line powered Loop Extender cards. The enclosure is pole mountable and supports opening and closing via the industry standard can wrench tool. The backplane consists of four slots for Loop Extender cards

and a fifth slot for a power card when using express power. This system allows you to start with one card and progress to the full four as you add more subscribers. You can then progress seamlessly to the eight port or twenty-four port enclosures and re-deploy the four port enclosure elsewhere. This allows you to continually cycle existing equipment to optimize your return on investment!

All of this culminates in one of the most widely deployed and cost-effective solutions to extend the deployable range of ADSL technologies currently available.

Backed by our standard one year warranty and free 8x5

tech support you will wonder why you've been buying anything else!

*"Increase reach by 40%"*



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### Grow capacity as needed

The AER800-4P is the entry product to a modular system that grows as you need it to guarantee 100% utilization

### ADSL Loop Extender

The ADSL Loop Extender expands the coverage of ADSL lines doubling the number of customers you can reach

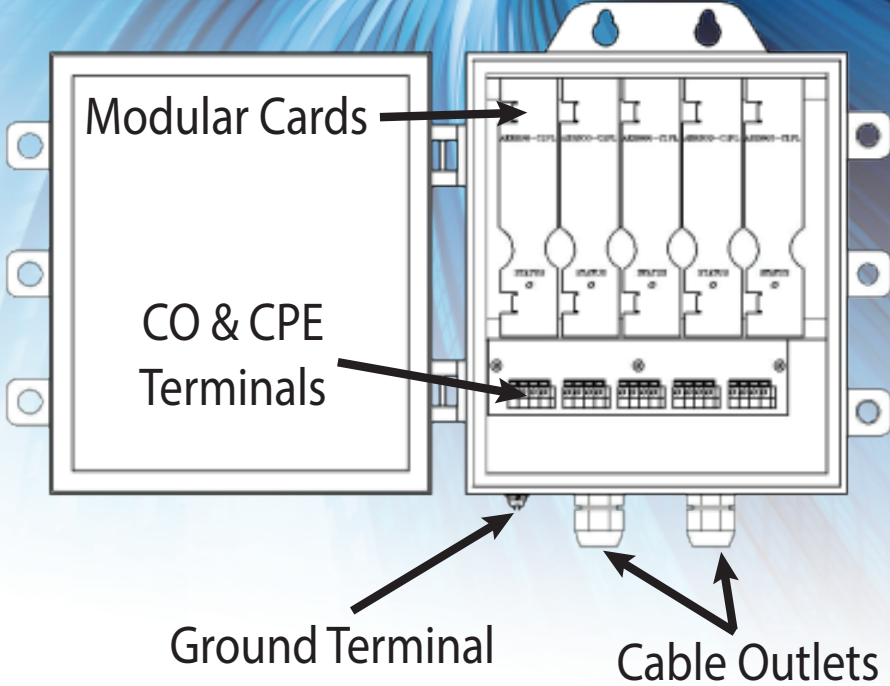
### Active Element

The ADSL Loop Extender is an active element installed in the loop plant. It acts as an amplifier and equalizes the signal

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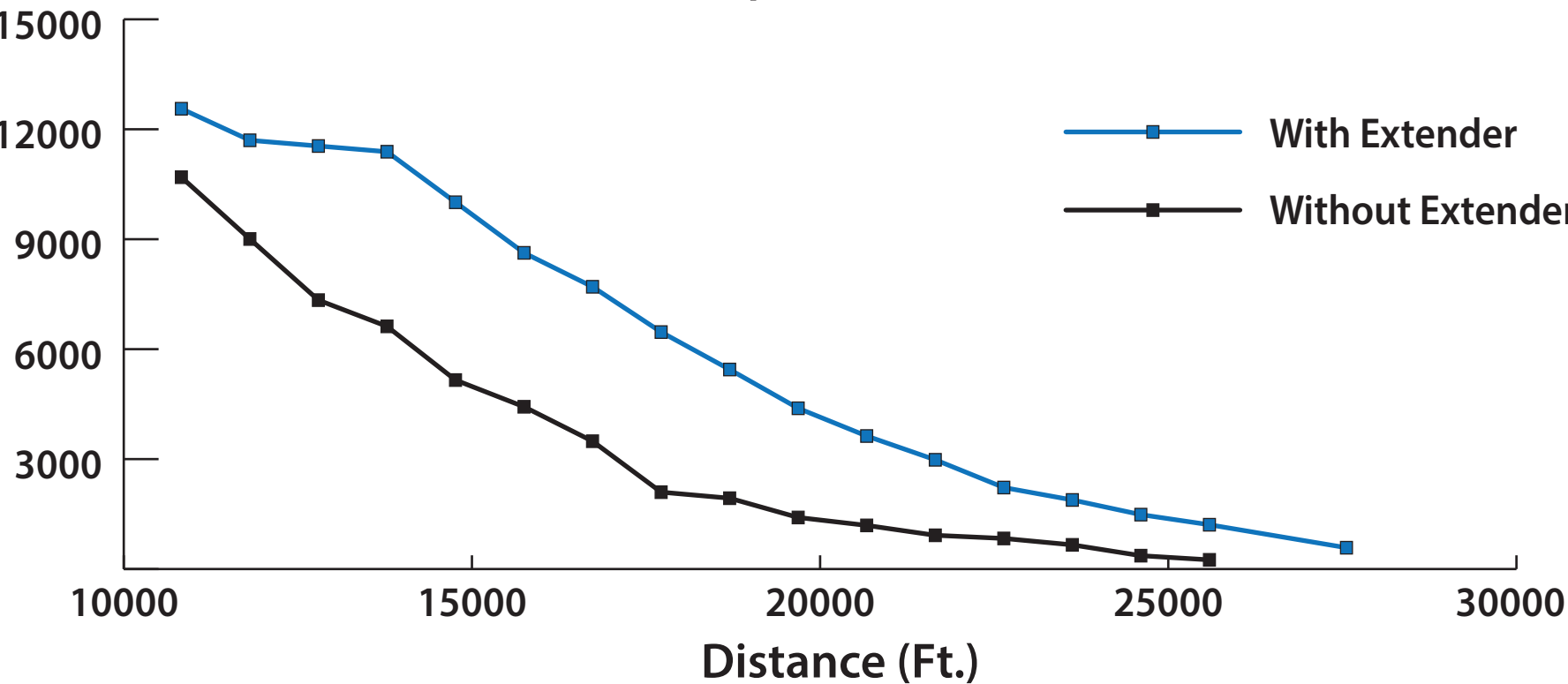
## TECH SPECS

Technical Specifications		
Operating Environment	Temperature	-35°C ~ +65°C
	Relative Humidity	5% ~ 95% Non-Condensing
Input Power	60V DC ~ 155V DC	
Power Consumption	Less than 0.2W (per port)	
Dimension(LWH)	AER800-4P Box	215mm × 290mm × 82mm



Speed  
(Kbps)

AER800-4P Express Power Performance



Solution Parts Breakdown

Ordering Information	
AER800-4P BOX V6.2	IP66 Rated Enclosure.
AER800-C1P	Express Powered Loop Extender card. Serves one subscriber.
AER800-C1PL	Line Powered Loop Extender card. Serves one subscriber.
AER800-POWER	One per enclosure required for supplying power to C1P cards.
AEC-B1PH-D48	CO Single unit power supply. -48V DC Input, 155V Output.
AEC-B1PH-A110	CO Single unit power supply. 110V AC Input, 155V Output.
AEC-C2P	CO Double unit modular power card for use with AEC-RACK.