EasyRestore Series

Cabinet Termination Device for Fiber Optics

Product Highlights

Time/Cost Saving Features

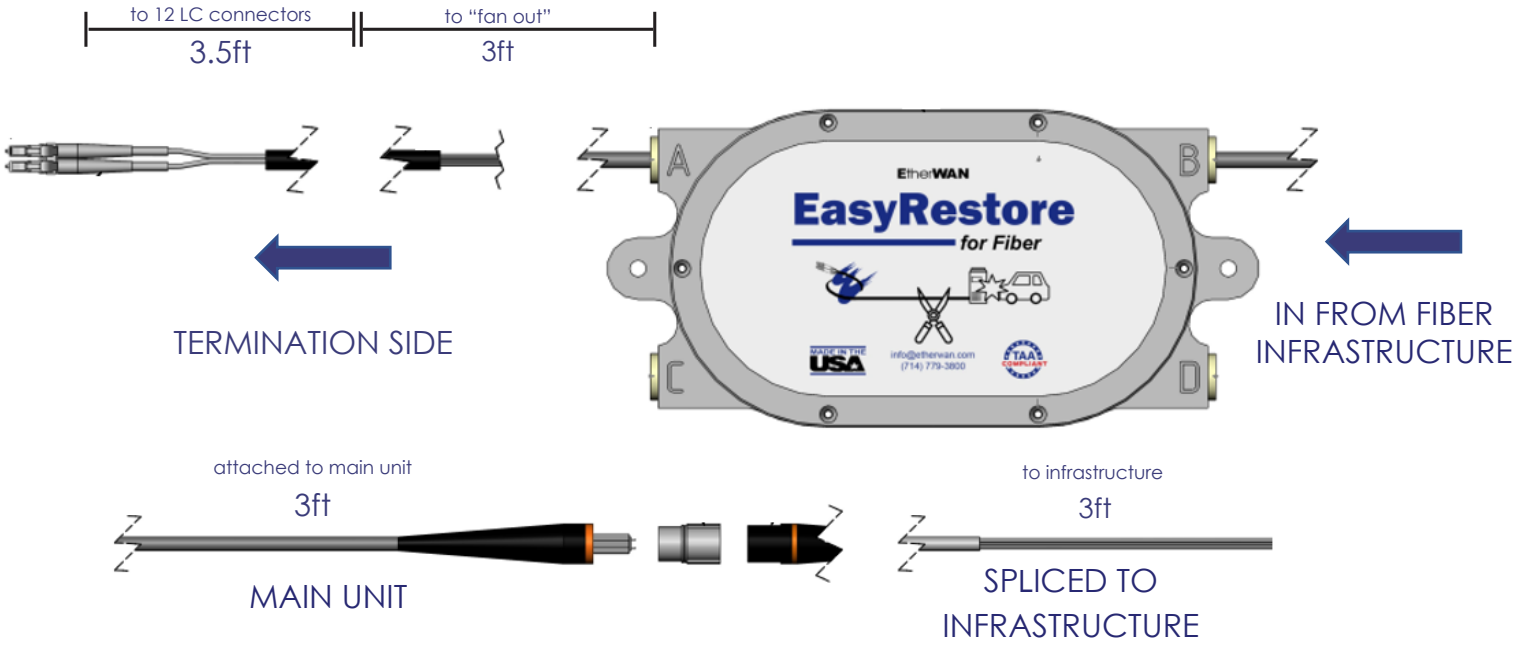
- Infrastructure cabling remains intact after an accident
- Enables device restoration within minutes of equipment reset
- Eliminates patch cords and additional failure points, reducing maintenance costs

Outdoor-Rated Design

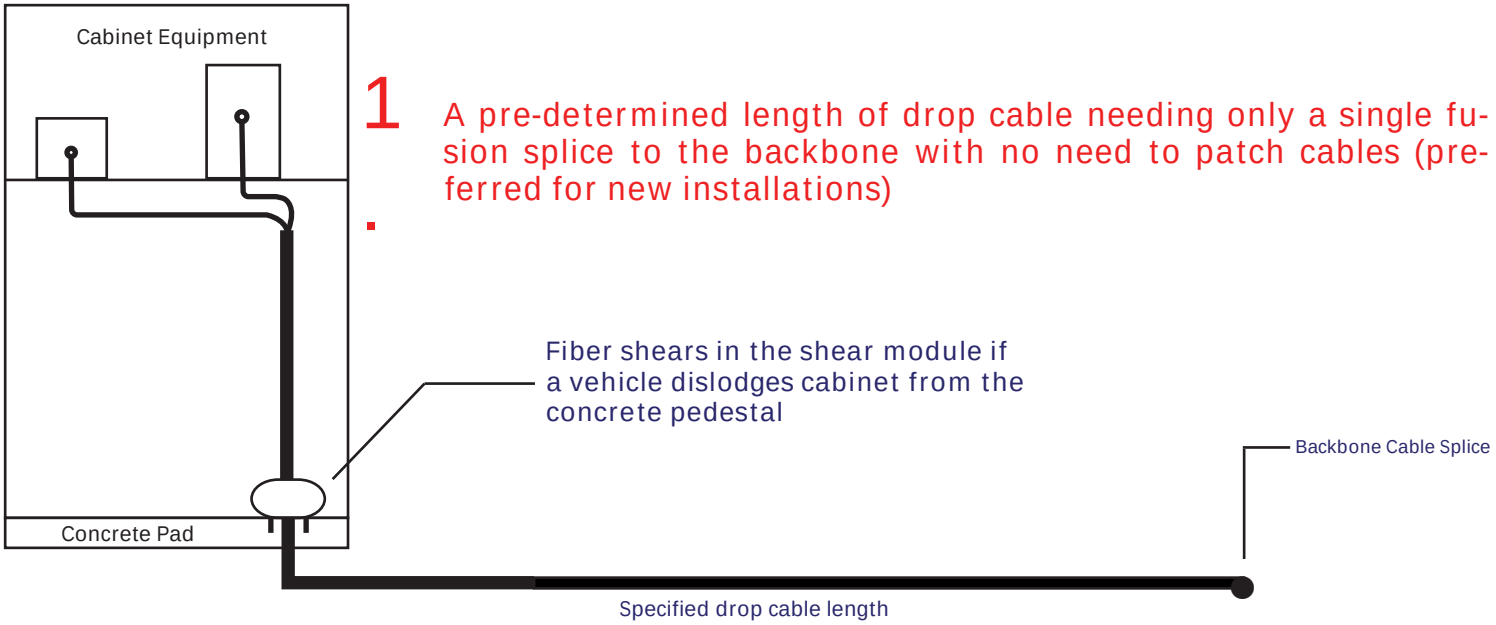
- Maintains material integrity at -40 to 180F
- IP66 weather resistance
- Outdoor rated cabling

Overview

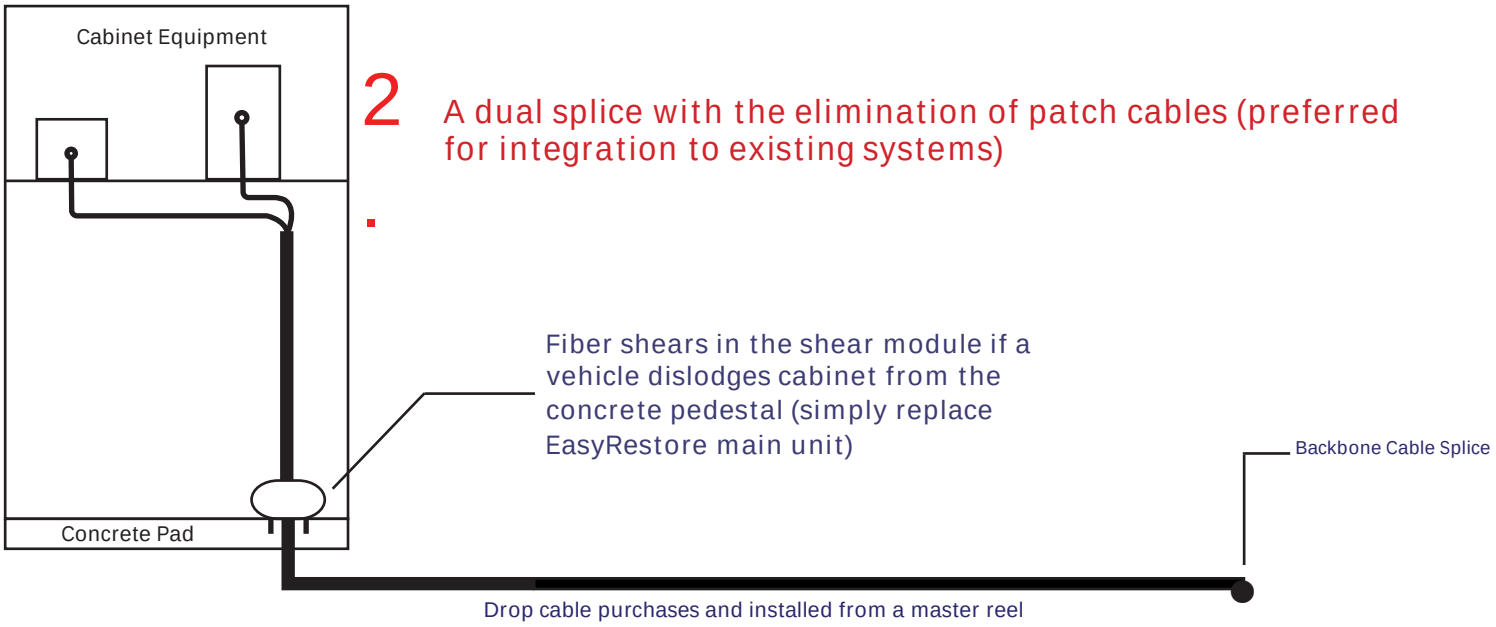
EtherWAN's Easy**R**estore for fiber is a cabinet termination device for traffic cabinets and roadside nodes. It allows fiber optic cabling to be control sheared at the base of the cabinet, preventing stress on the cable in the ground and at the electrical device connection.



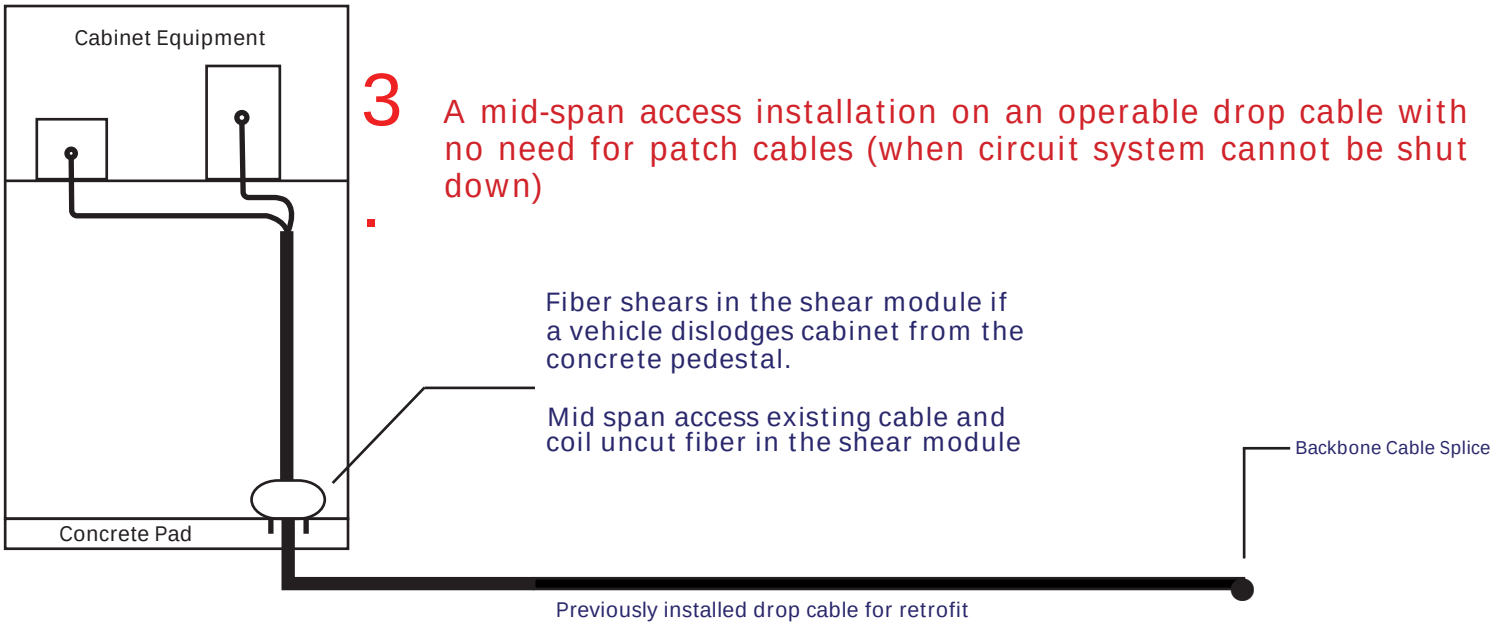
For 1, 2, and 3 the conduit can be cut flush to the concrete pad and EasyRestore anchored directly over the entrance to seal the hole (or) the EasyRestore can be anchor mounted adjacent to the hole.



1. A pre-determined length of drop cable needing only a single fusion splice to the backbone with no need to patch cables (preferred for new installations)



2. A dual splice with the elimination of patch cables (preferred for integration to existing systems)



3. A mid-span access installation on an operable drop cable with no need for patch cables (when circuit system cannot be shut down)

IMMEDIATE

- Eliminates fiber optic drop cable slack storage
- Eliminates patch cables initial cost and their 2-3-year replacement cycles
- Phases out unnecessary circuit losses
- Reduces overall losses by as much as half a dB
- Gurantees a stress-free break-away in the event of a traffic incident

TIME

- Cuts cabinet reset time by as much as 75%
- Quick splice kit may be used for emergency splicing without the need for a fusion splice machine
- Eliminates secondary maintenance or failure point connections in the cabinet
- Offers easy installation
- Includes all hardware for complete installation

Benefits

SAFETY

- Quick restoration helps prevent secondary accidents
- Communication and control are restored within minutes

EFFICIENCY

- Satisfies Country of Orgin requirements with 100% of the device made in the USA with recyclable componets
- Reduces warehouse inventory with the all-in-one delivery package

Device Specifications

Body Material	Delrin
IP Rating	IP66
Module Coupling Retainer Screws	#8 Zinc Plated Machine Screws
Cabinet Channel Mounting Screws	1/4-20 threaded Electro-galvanized steel, Unistrut model P6013-1420, with 1/2" extended 1/4-20 machine screws
Pad Mount	Steel Red Head Drop-in Anchors
Fiber	G.652.D glass, in tight buffered I/O jacketed configuration
Fan-out	3.5ft I/O fan-out to 36in long 3.0mm fiber. Total 6.5ft of inter-connect cable inside cabinet
Fan-out Cable	Outdoor Hazardous Duty Cable Tight Buffered, 1 SM-BIF, 3.0mm, Yellow Polyurethane Jacket

Configuration	Device with drop cable and 3.0mm outdoor-rated interface cable
Number of Connectors	12 Total
Connector Type	LC
Mounting	Concrete Pedestal Mount or Cabinet Wall Mount (available upon inquiry)

Ordering Information

Model	
EASYRESTORE-LC-AB	Controlled Shear Device, 12 LC Connectors for Termination, Full Kit for Infrastructure Connection
EASYRESTORE-LC	Controlled Shear Device, 12 LC Connectors for Termination, Replacement Unit

© EtherWAN Systems, Inc. All rights reserved. 20220408
EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.