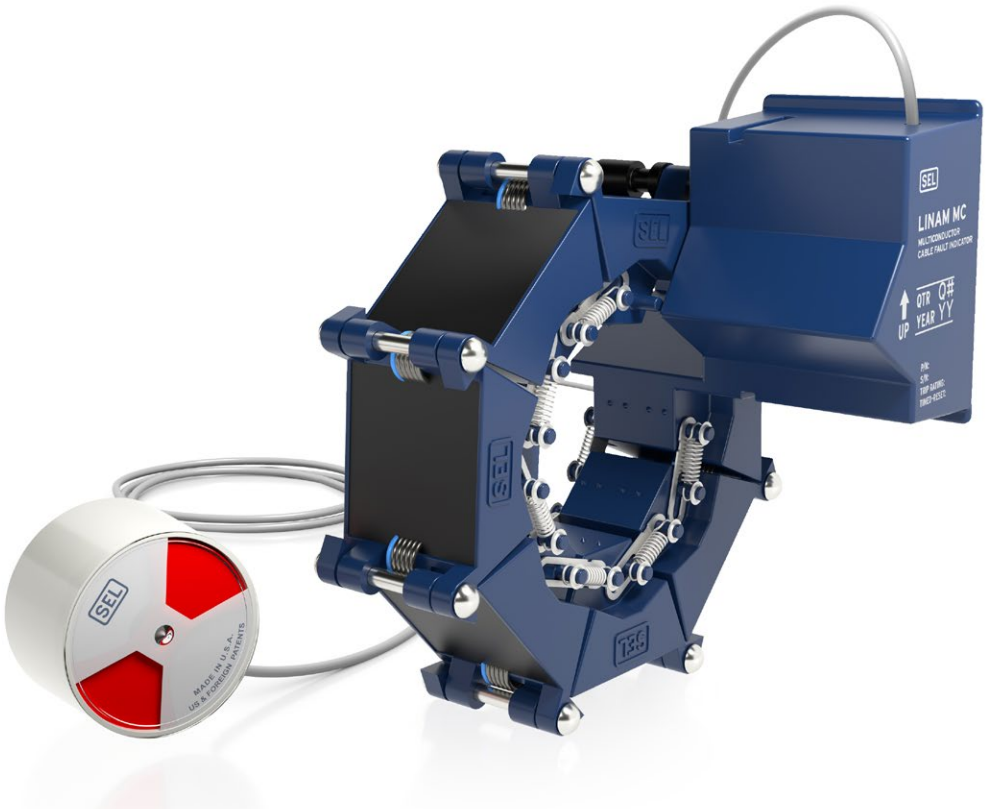
LINAM® MC

Multiconductor Cable Fault Indicator



Find faults faster on triplexed, nonlead, and paper-insulated lead cable (PILC)

- Apply the LINAM MC on three-phase sector PILC, single-phase triplexed PILC, and single-phase triplexed nonlead cable with nonmagnetic concentric neutral or foil tape shield.
- Install quickly and simply without separating phases or disconnecting the cable.
- Choose the RadioRANGER® Underground Wireless Fault Indication System option for remote fault reading or an output contact for SCADA connectivity.
- Reduce reliance on cable thumping, and locate faults faster.

Key Features

Faster, More Reliable Fault Locating

Reduce the time spent on fault locating, and reduce reliance on cable thumping. A variety of display options are available to suit your installation, and the auxiliary output contact can serve as a simple SCADA interface.

Rugged Design

Polycarbonate housing, stainless steel hardware, and fully encapsulated circuitry withstand harsh underground conditions. The MC is submersible to 15 feet in brackish water and withstands operating temperatures from −40° to 85°C (−40° to 185°F).

Simple to Install

The segmented, split-cuff design eliminates the need to separate phases or disconnect the cable. To install, simply wrap the fault indicator around the cable and use the included stainless-steel zip tie to lock it in place.

Display Options That Fit Your Application

Choose a high-visibility mechanical target display, an auxiliary contact to send fault indication status to a remote terminal unit, or a probe interface for the RadioRANGER.

Find Faults Without Leaving the Truck

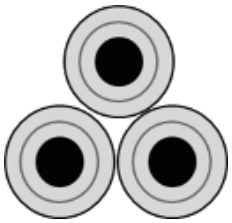
Use the MC and the RadioRANGER together to make fault finding on urban systems as simple and quick as possible. Troubleshooters can use the information displayed on the Remote Fault Reader to find the faulted cable section, in many cases without leaving the truck.

Visit **selinc.com/products/radioranger** to learn more about the RadioRANGER.

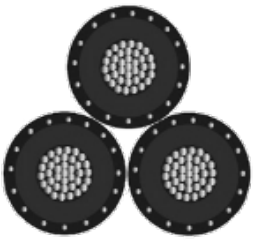
Applications

Apply on Multiple Cable Configurations

The MC fits on 2.2" to 4.64" diameter cables. Apply the MC on three-phase sector PILC, single-phase triplexed PILC, and single-phase triplexed nonlead cable like XLPE with nonmagnetic concentric neutral or foil tape shield.

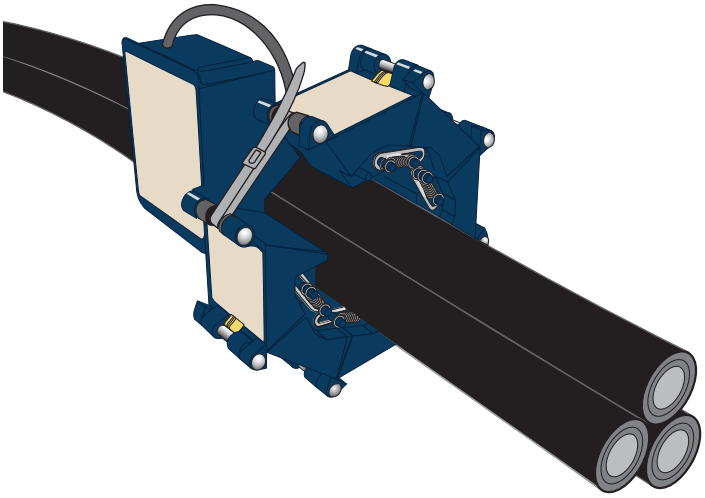


Single-Phase Triplexed PILC

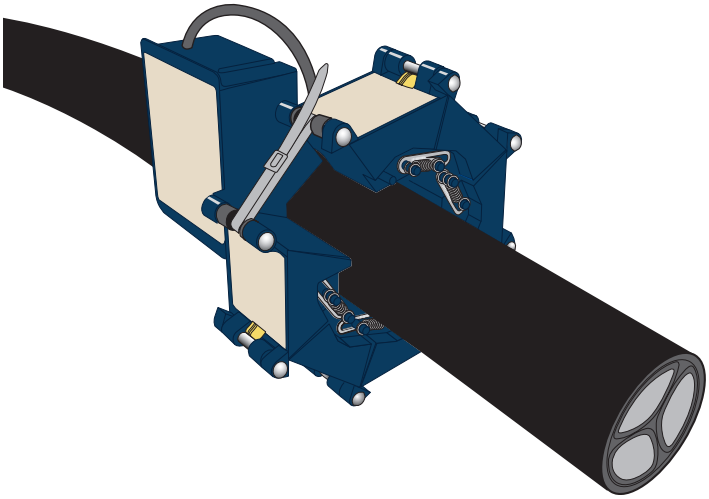


Single-Phase Triplexed XLPE With Nonmagnetic Concentric Neutral or Foil Tape

Three-Phase Sector PILC



Single-Phase Triplexed PILC Application



Three-Phase Sector (or Round) PILC Application

Specifications

General Specifications	
System Voltage Range	For application on shielded, insulated distribution cable
Power Source	3.6 V lithium cell with 20-year shelf life and 15-plus-year expected field life
Reset Type	Timed reset with a manual reset feature
System Frequency	50 to 60 Hz
Nominal Trip Rating	600, 800, 1,000, or 1,200 A (phase-to-ground)
Cable Applications	55.9 mm (2.2 in) to 116.8 mm (4.6 in) diameter triplexed, single-phase and three-phase sector (or round) PILC conductors (Please contact SEL for information about application on triplexed cable.)
Display Options	Reflective red target display RadioRANGER Underground Wireless Fault Indication System interface probe Reflective red target display with auxiliary contact
Contact Rating	Maximum switching power: 45 W, 50 VA Maximum switching voltage: 220 V dc, 250 V ac Maximum switching current: 1.5 A dc, 0.8 A ac Maximum carrying current 1.5 A dc, 0.8 A ac
Mounting Diameter Range Options	Small, Min: 55.9 mm (2.2 in), Max: 81.3 mm (3.2 in) Medium, Min: 78.7 mm (3.1 in), Max: 101.6 mm (4.0 in) Large, Min: 101.6 mm (4.0 in), Max: 116.8 mm (4.6 in)
Submersibility	4.6 m (15 ft)
Housing	UV-stabilized polycarbonate
Temperature Range	−40° to +85°C (−40° to +185°F)
Weight	3.9 lb (varies with model size)
Warranty	10 years

Scan to learn more about the LINAM MC Multiconductor Cable Fault Indicator.
selinc.com/mc

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