

Fire detection and evacuation solutions that save lives.

EvacU^{Elite} Dual Loop EIS Line Card (LILC)

- ✓ Occupies one slot in the EvacU^{Elite} Universal Rack.
- ✓ New Loop WIP technology from Ampac.
- ✓ Space saving LILC module architecture 40 WIPs = 1 Rack Slot (Instead of 10 x ILC Cards).
- ✓ Provides 2 fault tolerant loop interfaces. Each loop supports up to 20 Loop handsets each with optional MCP
- ✓ Saves cable, cable tray space and installation labor (when compared to radial installation).
- ✓ Use 2 Core UTP Cable Loop (Unshielded Twisted Pair).
- ✓ Identifies 2 addresses where a loop break exists.
- ✓ Loop Break diagnostics detail where a break exists on the addressable WIP loop.
- ✓ EIS System Compliant with AS4428:4 EICIE.

Product Overview

The Dual Loop EIS Line Card (LILC) occupies one slot in the EvacU^{Elite} Universal Rack Frame.

The LILC provides 2 individually supervised fault tolerant loop interfaces for handsets and associated Manual Call Points (MCPs). Each loop supports up to 20 Loop handsets and MCPs.

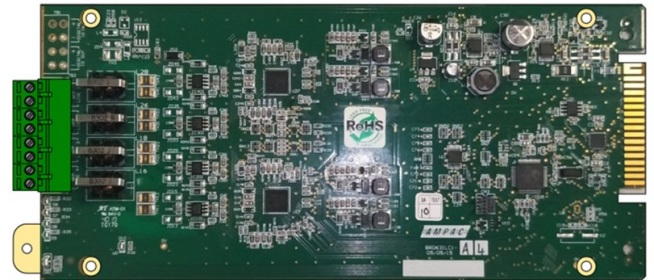
The LILC connects Loop WIP Handset and optional White Manual Call Point.

One MCP can connect to each handset.

Line impedance is 600Ω and bandwidth is 3K4 Hz.

A Ferrite Core provided (MIS3019) should be installed with every loop card. The ferrite satisfies both loops.

The Radial ILC and LILC can both be installed in one panel to optimize site installation requirements.



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Specifications

No. of Loop Interfaces	2
Handsets per Loop	20
EAIDs per Handset	1
Max Loop Length	1 km
Signalling	Proprietary modulated digital over power
Cabling	2 core 1.5mm ² Unshielded Twisted Pair with minimum 8-10 twists per meter or better
Recommended Cable /or equal approved	FireSense or Electra FR-1.50-2C FireSense or Electra FR-1.50-2X
Max Distance Between Handsets	500m (Use 1.5mm UTP for long runs (Refer to installation manual)
No. of Rack Slots	1
Current Consumption	LILC 68mA @ 24V DC quiescent
Loop Handset	Handset - 18mA Each Quiescent ; 22mA Active

Item Numbers

6350-LILC	Dual Loop EIS Line Card
6350-LILC-CSO	Dual Loop EIS Line Card (Spare)
ASS63LWIPS	Loop WIP Handset
4105-1018	White MCP