

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 individually supervised fault tolerant loop interfaces. Each loop supports up to 20 Loop handsets with associated optional MCPs.
- ✓ Saves cable, cable tray space and installation labor (when compared to radial cabling installation).
- ✓ Use 2 Core UTP Cable Loop (Unshielded Twisted Pair).
- ✓ Identifies 2 addresses where a loop break exists.
- ✓ Loop Break diagnostics explain 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 uses the Loop Handset (ASS63LWIPS) and White Manual Call Point (4105-1018). Up to 2 Ampac MCPs can be connected 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 suit or optimize site installation requirements.



EvacU^{Elite} Dual Loop EIS Line Card

Specifications

No. of Loop Interfaces	2
Handsets per Loop	20
EAIDs per Handset	2 Max
Max Loop Length	1 km
Signalling	Proprietary modulated digital over power
Cabling	2 core 1.5mm ² Unshielded Twisted Pair
Recommended Cable /or equal approved	2HR Fire Rated Cable - 1.50mm 2 Core Communications Cable
Max Distance Between Handsets	500m
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
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