

Fire detection and evacuation solutions that save lives.

## EvacU<sup>Elite</sup> OEM 3097 Multi Mode Dual Fibre

- ✓ Used with EvacU<sup>Elite</sup> Network+CPU with dual mode dual fibre network cable
- ✓ Hot Pluggable SFP MSA Compliant
- ✓ Digital Optical Monitoring for Strong Diagnostic Capabilities
- ✓ Compliant to IEEE 802.3z Gigabit Ethernet
- ✓ Class 1 FDA Laser Safety and RoHS Compliant
- ✓ Max Power Consumption 0.8W
- ✓ FS Box –Support Real time configuration
- ✓ Cable schematic illustrated on following page



EvacU<sup>Elite</sup> Multi Mode Dual Fibre SFP OEM 3097

### Product Overview

SFP-1G-SX compatible SFP transceiver supports up to 550m link lengths over multi-mode fiber (MMF) using a wavelength of 850nm via an LC connector.

Each SFP transceiver module is individually tested to be used on network interface card (NICs).

Featuring low power consumption, the hot swappable 1G SFP transceiver is ideal for Networks and other optical links.

### Specifications

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Maximum Cable Distance    | 550m @50/125µm OM2 MMF                               |
|                           | 275m@62.5/125µm OM1 MMF                              |
|                           | 220m@62.5/125µm FDDI MMF                             |
| Form Factor               | SFP                                                  |
| Wavelength                | 850nm                                                |
| Connector                 | Duplex LC                                            |
| Transmitter Type          | VCSEL                                                |
| DDM DOM Support           | Yes                                                  |
| TX Power                  | -9.5dBm - 3dBm                                       |
| Typical Power Consumption | ≤0.8w                                                |
| Bit Error Rate (BER)      | 1E-12                                                |
| Receiver Type             | PIN                                                  |
| Receiver Sensitivity      | < -17dBm                                             |
| Receiver Overload         | -3dBm                                                |
| Extinction Ratio          | >9dBm                                                |
| Temperature Rating        | 0 to 70°C (32 to 158°F)                              |
| Max Data Rate             | 1.25 Gbs                                             |
| Protocols                 | IEEE 802.3z, SFF-8472, SFP MSA (INF-8074i) Compliant |

### Item Numbers

|          |                                                   |
|----------|---------------------------------------------------|
| OEM 3097 | EvacU Elite SFP Multi mode Dual fibre 850nm 550km |
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**EvacU<sup>Elite</sup> OEM 3097 MMDF SFPs <550m**

