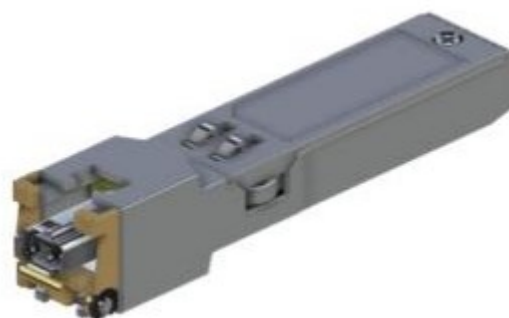


Fire detection and evacuation solutions that save lives.

## EvacU<sup>Elite</sup> OEM 3105 Copper Network Cable SFPs

- ✓ SFP Modules connect into EvacU<sup>Elite</sup> Network interface Card (Ports 1 & 2)
- ✓ Long Reach Ethernet Master Unit OEM 3105 x 2
- ✓ Used in conjunction with EvacU<sup>Elite</sup> Network+CPU
- ✓ Install with 2 Core Twisted & Screened 0.75mm Copper FR data cable
- ✓ Maintain OEM 3105 x2 on All Copper In - Out network links
- ✓ Cable schematic illustrated on following page



EvacU<sup>Elite</sup> Copper Cable SFPs OEM 3105

### Product Overview

The SFP copper wire modem Small-Form Factor Pluggable module that enables traditional Ethernet switch, media converter and other network appliance, eg Emergency Warning System, Voice Alarm, Emergency intercom / Fireman's telephone system to connect on typical copper networking cables & distances.

Leveraging Flex DSL technology, this SFP module can be installed using 2-core 0.75mm Twisted & Screened Cable up to 750 meters between panels

Each pair of modules is configured with one transmit T & one receive R module.

This module is useful for upgrade sites where the cable type (described above) already exist

Full Duplex 18Mbps data speed can be maintained making a reliable robust copper network solution.

#### Note

For installations with heavily loaded EvacU<sup>Elite</sup> multi rack systems & large network systems (Eg 5+ nodes) or sites which present longer distance challenges or potential interference risks from electrical noise Ampac strongly recommend installations use a suitable fibre optic interface option.

Fibre provides long term flexibility for additional future technical features, faster data speeds reduce site interference issues and provide a robust solution for large systems. Eg Airports Hospitals & large campus networks

### Specifications

|                            |                                                      |
|----------------------------|------------------------------------------------------|
| Distance Maximum           | 750m                                                 |
| Useage                     | Use OEM3105 in pairs on all copper nodes             |
| Performance                | 2 wire copper delivers full duplex 18Mbps at 500m    |
| Temperature Rating         | 0C –50C                                              |
| Shipping Weight            | 1kg                                                  |
| Recommended Cable or Equal | <u>2HR Fire Rated Cable - 0.75mm 2 Core Screened</u> |

### Item Numbers

|          |                                         |
|----------|-----------------------------------------|
| OEM 3105 | SFP FDSL SFP Module - Copper Wire modem |
|----------|-----------------------------------------|

Fire detection and evacuation solutions that save lives.

# EvacU<sup>Elite</sup> OEM 3105 Copper Network Cable SFPs

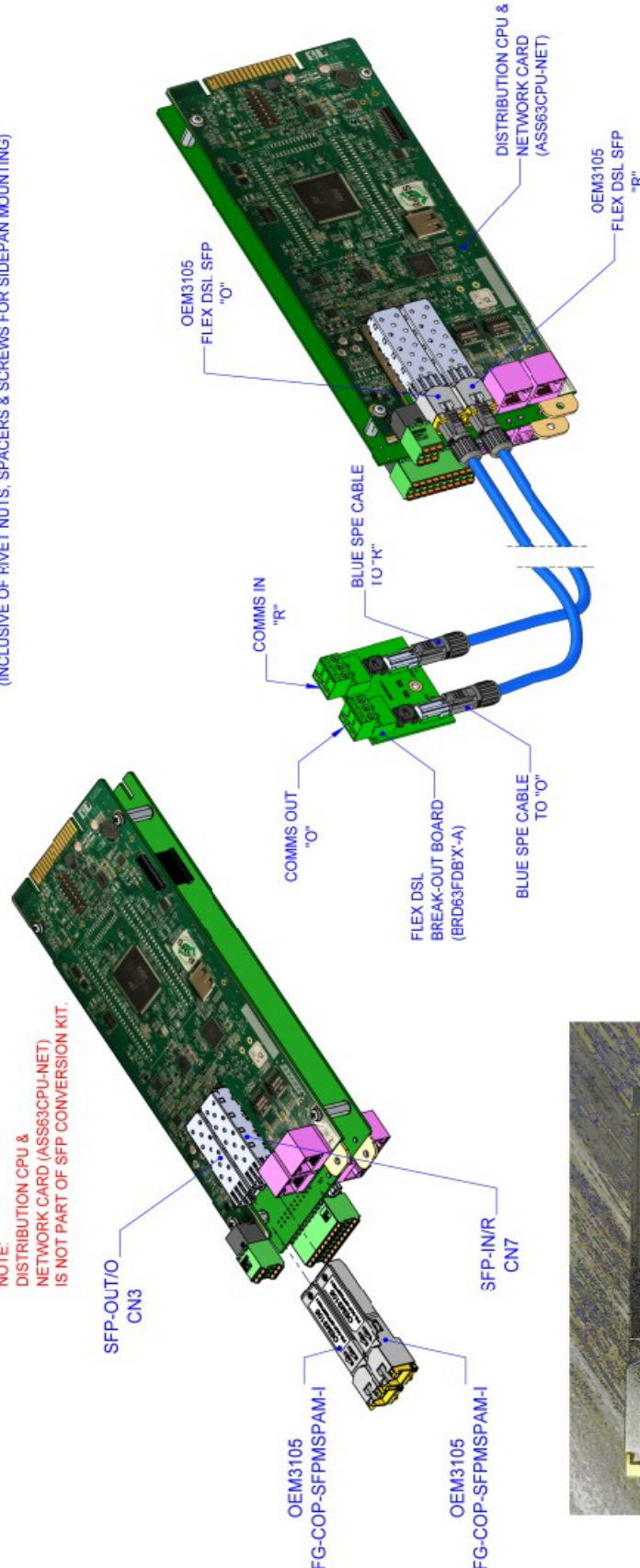
AMPAC Confidential ©

AMPAC PART NUMBER  
6350-SFPCOPPER-F-CSO

## FITTING OF SFP MODULES

INSERT 2X OEM3105 INTO SFP-OUT/O CN3 AND SFP-IN/R CN7 OF THE BRD63NIC'X'-A RESPECTIVELY.

**NOTE:**  
DISTRIBUTION CPU &  
NETWORK CARD (ASS63CPU-NET)  
IS NOT PART OF SFP CONVERSION KIT.



IDENTIFIER FOR OEM105:—  
FG-COP-SFPMSPAM-I

| IDENTIFIER FOR OEM105:                                               |          | FG-COP-SFPMSPAM-I                 |       | AMPAC PTY LTD<br>Head office - Perth<br>140/150, 20/21, 22/23, Victoria Avenue, 6021<br>T: +618 9201 6100 F: +618 9201 6101<br>E: info@ampac.net.au W: ampac.net |        |
|----------------------------------------------------------------------|----------|-----------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1                                                                    | 10/06/25 | PT                                | PT    | DRN                                                                                                                                                              | 1 OF 1 |
|                                                                      | 0        | 26/03/25                          | PT    | DATE                                                                                                                                                             |        |
| REV                                                                  | DRAWN    | DATE                              | SCALE | APPD                                                                                                                                                             |        |
| CHANGE DESCRIPTION TO SPECIFY USE FOR SINGLE PANEL, REMOVE 3M CABLE. |          | DIMENSIONS IN MILLIMETRES         |       | SHEET                                                                                                                                                            |        |
| NEW DRAWING RELEASE                                                  |          | DRAFTING STANDARD AS 1100-1992    |       | SFP FLEX DSL COPPER MODULE                                                                                                                                       |        |
| REVISION HISTORY                                                     |          | TOLERANCES UNLESS OTHERWISE NOTED |       | CONVERSION KIT FOR SINGLE PANEL                                                                                                                                  |        |
|                                                                      |          | WHOLE NUMBERS ±0.5                |       | (2XOEM3105+SPCE CABLES+FLEX B/O BOARD)                                                                                                                           |        |
|                                                                      |          | 1 DECIMAL PLACE ±0.2              |       | DRAWING No.: 6350-SFPCOPPER-F-CSD                                                                                                                                |        |
|                                                                      |          | 2 DECIMAL PLACES ±0.1             |       | INSTALL GUIDE                                                                                                                                                    |        |
|                                                                      |          | ANGLES ±0.5°                      |       |                                                                                                                                                                  |        |

EvacU<sup>Elite</sup> Copper Network

