



# DEPLOYABLE MODULAR POWER WIRING SYSTEM AN-DEP-CIS-001

## USER MANUAL



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### Document Identification

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## CONTROL SHEET

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## DOCUMENT RELEASE INFORMATION

Version		Date Released	Change Request	Pages Affected	Remarks
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**Table of Contents**

PRECAUTIONS .....	4
INTRODUCTION .....	5
CONTENTS .....	5
INSTALLATION AND ASSEMBLY .....	6
GUARANTEE .....	7
WARRANTY POLICY .....	8
Service calls .....	8

## PRECAUTIONS

- This Deployable Fiber Network Infrastructure is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the Deployable Fiber Network Infrastructure by a person responsible for their safety.
- The electrical connectors are designed for the Deployable Fiber Network Infrastructure.
- The Starter cable contained within the Deployable Fiber Network Infrastructure has an **overload protection rated at 20A only**.
- The Deployable Fiber Network Infrastructure is dust resistant only (IP4X).
- Inspect all power cords and connectors for damage before assembly. If any component is damaged then do not use.
- Do not operate the Deployable Fiber Network Infrastructure outdoors.
- **Disconnect the mains electrical supply** from the Deployable Fiber Network Infrastructure before cleaning, servicing, maintaining or moving any component of the system.
- To reduce the risk of electrocution, never operate the Deployable Fiber Network Infrastructure with wet hands.
- Do not submerge any component of the Deployable Fiber Network Infrastructure in liquid.
- Do not insert any foreign objects into the Deployable Fiber Network Infrastructure connectors or components.
- Do not kink or damage the Deployable Fiber Network Infrastructure cabling.
- Improper installation of the Deployable Fiber Network Infrastructure System may result in the risk of fire, electric shock and or injury to persons.
- The manufacturer is not responsible for any eventual damages caused by improper or faulty use.
- The Deployable Fiber Network Infrastructure has no user-serviceable parts contained within the assembly. **Do not attempt to repair, disassemble or modify the Deployable Fiber Network Infrastructure components.**
- Failure to observe the above safety measures could void system warranty.

## INTRODUCTION

The Deployable Fiber Network Infrastructure has been designed to meet the networking requirements in a variety of deployable shelters, tents, marquee's, containers or demountables used for Military, medical, emergency, temporary office/accommodation and entertainment.

The fiber network system can be re-designed to meet client requirements and specifications. This current system has been designed to meet Defence Restricted and Secret networking requirements.

The fiber networking system is deployed and operational in 5 minutes and can be scaled to any size.

## CONTENTS

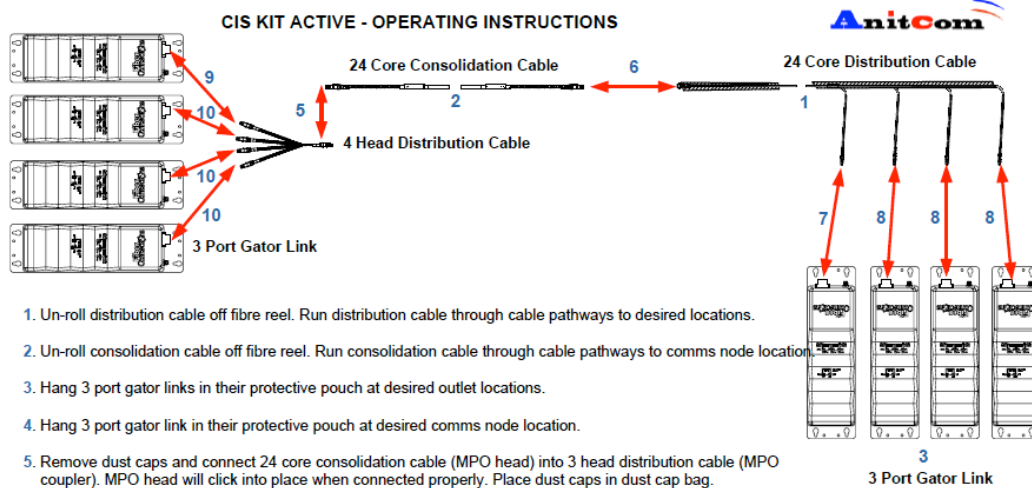
Table 1 lists components contained in each Deployable PASSIVE Fiber Network Infrastructure:

Item	Description	Qty
1	24 Core Consolidation Bar	1
2	6 Core Distribution Bar	6
3	25m Consolidation Cable	6
4	Distribution Cable	1
5	Cable Reel	1
6	Transit Case	1
7	Pouches patches & misc items leads	

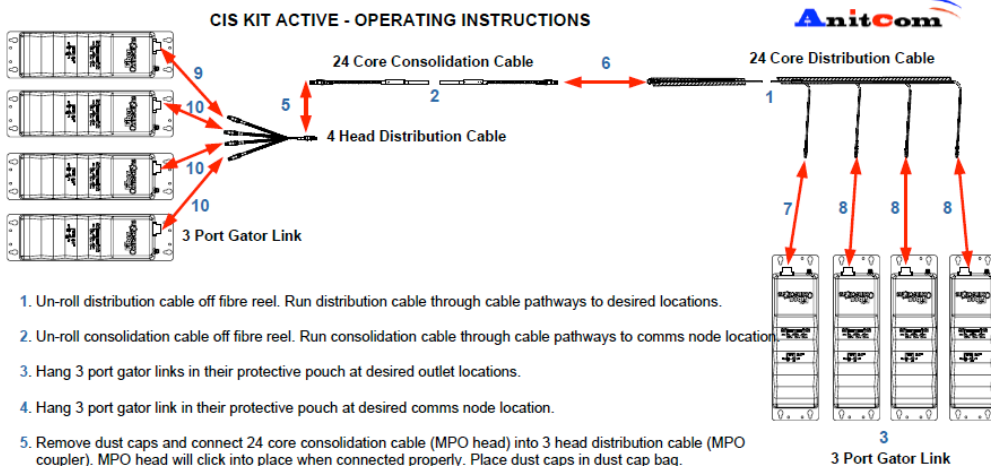
**Table 2:** List of components within Deployable ACTIVE Fiber Network Infrastructure

Item	Description	Qty
1	3 Port UTP POE	8
2	25m Consolidation Cable	6
3	Distribution Cable	1
4	Cable Reel	1
5	Transit Case	1
6	Pouches, Patches & Misc Items Leads	

## INSTALLATION AND ASSEMBLY



1. Un-roll distribution cable off fibre reel. Run distribution cable through cable pathways to desired locations.
2. Un-roll consolidation cable off fibre reel. Run consolidation cable through cable pathways to comms node location.
3. Hang 3 port gator links in their protective pouch at desired outlet locations.
4. Hang 3 port gator link in their protective pouch at desired comms node location.
5. Remove dust caps and connect 24 core consolidation cable (MPO head) into 3 head distribution cable (MPO coupler). MPO head will click into place when connected properly. Place dust caps in dust cap bag.
6. Remove dust caps and connect 24 core consolidation cable (MPO head) into 24 core distribution Cable (MPO coupler). MPO head will click into place when connected properly. Place dust caps in dust cap bag.
7. Remove dust caps and connect 24 core distribution cable (MPO head) into 3 port gator link (MPO coupler) MPO head will click into place when connected properly. Place dust caps in dust cap bag.
8. Repeat step 7 for each of the 3 port gator links.
9. Remove dust caps and connect 4 head distribution cable (MPO head) into 3 port gator link (MPO coupler) MPO head will click into place when connected properly. Place dust caps in dust cap bag.
10. Repeat step 9 for each of the 3 port gator links



1. Un-roll distribution cable off fibre reel. Run distribution cable through cable pathways to desired locations.
2. Un-roll consolidation cable off fibre reel. Run consolidation cable through cable pathways to comms node location.
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## **GUARANTEE**

This unit is covered by a 1 year warranty, as detailed in the Warranty Policy, from the date of invoice, and is subject to correct usage within this period. The returned unit will be repaired in the factory or replaced free of charge. The customer will cover all transportation costs

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## WARRANTY POLICY

Thank you for purchasing an Anitcom product. This product has been manufactured to the highest quality. Warranty commences on the date of invoice by Anitcom to the Distributor or Original Equipment Manufacturer and extends for a period of 12 months from that date.

All faulty equipment must be returned to Anitcom Maintenance Base at 6 Seville Street, North Parramatta, NSW 2151, AUSTRALIA.

*All transportation charges to and from the Maintenance Base will be the responsibility of the customer, unless the collection & delivery point after repair is in the Sydney NSW Metropolitan area.*

Except as may otherwise be provided by law, ANITCOM shall not be under any liability whether in contract, to or otherwise for any injury, damage or loss, including consequential damage or loss whether to persons or property or data.

If the unit is deemed un-repairable due to its use in environmental conditions, outside the specification of this equipment – determined by ANITCOM, the customer will be notified in writing of any cost that may be incurred in the repair.

Damage to the exterior case of the Equipment is not covered by this warranty. Damage to the case will be repaired and or replaced within the warranty if damage is due to faulty material and or workmanship. Replacement of the case will be at the customers expense if damaged for any other reason.

### Service calls

Onsite service calls are not covered by this warranty and if required will be charged at normal commercial rates.

### **This warranty does not cover.**

- Replacement of the equipment due to damage related to transport & extreme use etc (war zone or high temperatures)
- Subject to misuse, neglect, accident or alteration by any person.
- Fair wear and tear.
- Damage from foreign substances such as dirt or water.
- Freight costs to and from the Maintenance Base.
- All damage incurred if the damage is caused by not operating the equipment in accordance with the manufacturer's instructions.