RMC-3700
ENVIRONMENTAL ENCLOSURE FOR FOI MODULES

fiberplex
TECHNOLOGIES, LLC

Overview

The FiberPlex Technologies RMC-3700 is a heavy duty enclosure designed to survive in indoor and outdoor environments. The chassis is rated to IP-54, protecting the internal components from dust and windblown rain. Each chassis provides up to nine (9) available slots for any FiberPlex fiber optic isolator (FOI) or telephone disconnect unit.
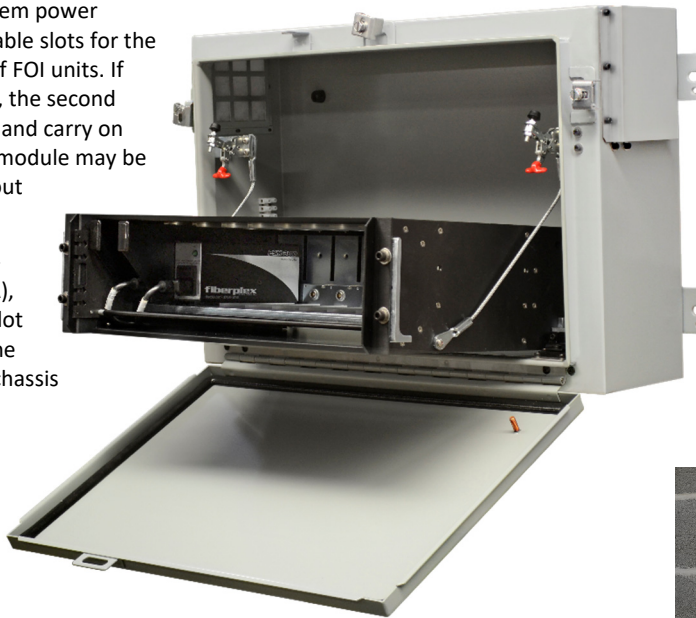
The tenth available slot must be occupied by a power supply module. Each chassis will be shipped with one power supply module (PSM). A second power supply

RMC-3700 Closed

module may also be added for system power redundancy, leaving eight (8) available slots for the installation various combinations of FOI units. If the first power supply module fails, the second will assume the entire system load and carry on normally. The failed power supply module may be hot swapped with a new one without interruption of FOI operation.

Each FOI must be mated to a 3000-series chassis mount adapter (CMA), which interfaces the FOI with the slot and assures correct alignment of the isolator power connector and the chassis power bus.

RMC-3700 Open

Features:

- Holds up to 9 FOI modules
- IP-54 Rated
- One PSM-3010 power supply included
- Power redundancy is available through an optional second power supply module.
- Active cooling for FOI modules
- Specialty louvered vents and sealed door resist ingress of heavy and windblown rain.
- Conduit holes may be punched into chassis in location of customer's choice.

Applications:

- Campus
- Bases
- Physical Security
- Rooftop Applications
- SCADA
- Transportation

Typical Applications

The RMC-3700 can be punched to accommodate conduit per the clients' needs. The heavy mounting ears allow solid mounting on any vertical surface. An integrated door hasp allows for locking the chassis. This makes the RMC-3700 perfect for outdoor SCADA applications, perimeter security for campus' and military bases, rooftop mounting for antenna or SATCOM applications or even along rail or roadways for transportation data and control.

Specifications

PHYSICAL SPECIFICATIONS				
	Length	**Width**	**Height**	**Weight**
Case Dimensions (Unloaded)	7.38 in (187.5 mm)	26.25 in (667 mm)	16.0 in (406 mm)	64 lb (29 kg)

ELECTRICAL SPECIFICATIONS					
		Min	**Typ**	**Max**	**Units**
Power Requirement	Voltage Range	100	110	240	VAC
	Power Line Frequency	50	-	60	Hz
	Power Consumption	-	100	120	W

RMC-3700 ACCESSORIES	
PSM-3010	Spare \ Redundant power supply F/U/W RMC-3xxx series rack mount chassis, 90-260 VAC, 40-400 Hz input, 75 Watts
CMA-3002	Chassis Mounting Adapter for FOI type isolator
See fiberplex.com for a complete listing of compatible accessories	