

# Clearfield® Interconnect Box

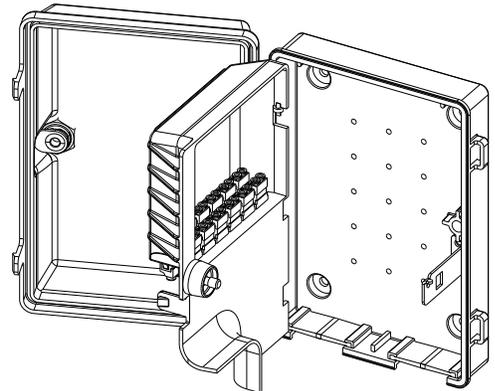
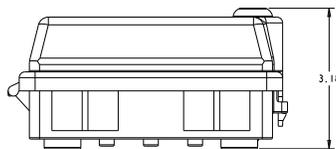
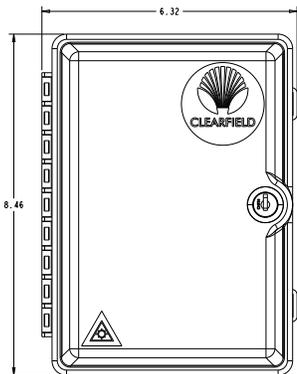


## Application

The Clearfield Interconnect Box is a secure wall-mounted solution designed for enterprise environments, serving as the final destination in fiber optic networks to provide individual network drops where needed. Working alongside the ZoneBox, it turns up offices, cubicles, and conference rooms with up to 24 connections, utilizing a convenient bulkhead to stage drops neatly. This system features color-coded pathways to manage multiple classified networks like NIPRNet, SIPRNet, and Top Secret Networks, ensuring efficient and organized multi-classification runs.

## Description

The Interconnect Box, built with rugged polycarbonate construction, offers a compact wall-mount enclosure for defense applications, supporting up to 24 LC or 12 SC connections with a key lock for security. Engineered for quick deployment, it provides reliable access to connections via its bulkhead design, ideal for secure desktop delivery in critical areas.



## Features & Benefits

### Protection

- UL flame-rated polycarbonate enclosure for durable, compliant protection in enterprise and defense environments
- Integrated lock and key set to secure fiber terminations from unauthorized access
- Rugged construction safeguards critical network connections in high-use areas

### Access

- Pivoting bulkhead provides easy access to slack storage and terminations for faster serviceability
- Two entrance/exit ports with flexible grommets for clean, protected cable routing
- Supports up to (12) SC/APC or SC/UPC connections for organized desktop delivery
- Color-coded connectors and designation card simplify network identification and management

### Strategic Investment

- Complements the ZoneBox to create a complete, secure fiber delivery system from backbone to desktop
- Enables efficient support of multiple classified networks (NIPRNet, SIPRNet, and Top Secret) through organized, color-coded pathways
- Scalable solution for turning up offices, cubicles, and conference rooms with reliable, future-ready connectivity

## Technical Specifications

Interconnect Box	
Dimensions	8.47" H x 6.45" W x 3.25" D
Port Density	Up to 24 LC or 12 SC ports
Connector Types	SC/UPC, SC/APC, LC/UPC, LC/APC, MPO
Security	Key Lock
Material	Polycarbonate, UL Flame Rated, UV Stabilized

## Pre-Configured Part Numbers

Part Number	Description
ML-FDP-XMJE-16F-01	Wall Box, Plastic, Loaded With (8) Duplex Colored LC Adapters, No Fiber, Size 8.35" X 6.3" X 3.2"
ML-FDP-XMJE-20F-01	Wall Box, Plastic, Loaded With (10) Duplex Colored LC Adapters, No Fiber, Size 8.35" X 6.3" X 3.2"
ML-FDP-XMJE-24F-01	Wall Box, Plastic, Loaded With (12) Duplex Colored LC Adapters, No Fiber, Size 8.5" x 6.3" x 3.2"