

Part Number: PL-FOPWMM48



Product Description:

Premium wall-mount fiber enclosure available in 24-fiber and 48-fiber configurations. Designed for organized cable entry, fusion splicing, pigtail termination, protected fiber storage and patch-cord distribution in telecom rooms, FTTx networks and enterprise fiber systems.

Applications:

- FTTH / FTTx and PON access/distribution networks
- LAN/WAN, telecom rooms, campuses and multi-floor buildings
- CATV, CCTV/IP networks, enterprise and building fiber distribution

Premium Features:

- High-impact PC+ABS engineering-metal enclosure for clean, lightweight and corrosion-free wall installation.
- 24F and 48F versions with dedicated splice, pigtail, adapter and patch-cord management zones.
- Hinged lockable front cover for controlled access and convenient installation/maintenance.
- Integrated cable anchoring, strain relief, splice-tray management and protected excess-fiber storage.
- Full-path fiber routing designed to maintain a controlled bend radius of at least 40 mm.
- Compatible with SC and LC adapter/pigtail configurations; empty or factory-loaded supply options.

Technical Specifications:

Product Type	Wall Mount Fiber Enclosure / Fiber Distribution Enclosure, metal housing
Models	PL-FOPWMM24 (24F) / PL-FOPWMM48 (48F)
Nominal Fiber Capacity	24 fibers or 48 fibers, according to model
Adapter Compatibility	SC Simplex / SC Duplex / LC Duplex via suitable adapter plates; final layout matched to selected fiber count
Fiber Compatibility	OS2 (G.652.D / G.657.A1/A2) and multimode OM3 / OM4 / OM5
Housing Material	High-impact PC+ABS engineering metal; UV-stabilized / flame-retardant grade available as premium option
Mounting	Wall mount; hinged lockable access cover
Splice Management	Organized fusion-splice trays and heat-shrink splice-sleeve storage for 24F / 48F configurations
Cable Management	Separate feeder-cable, pigtail and patch-cord routing with anchoring and strain relief
Fiber Bend Radius	Managed routing radius ≥ 40 mm
Operating Temperature	-25°C to +55°C standard configuration
Relative Humidity	Up to 95% RH, non-condensing
Protection	Indoor wall-mount standard; IP65 / outdoor sealed version available as project option subject to factory verification
Loaded Version Performance	When supplied loaded: premium adapters/pigtails, UPC or APC; insertion-loss values per selected component specification

Configuration Options: Empty enclosure or factory-loaded with SC/LC adapters, pigtails, splice sleeves and accessories. PLC splitter integration and outdoor/IP-rated versions available as project options.

Applicable System / Component References: ANSI/TIA-568.3-E • ISO/IEC 11801-1 • IEC 61754-4 (SC) • IEC 61754-20 (LC) • IEC 61300 series • IEC 60529 for declared IP-rated versions