

MDU Enclosure (48 LC Ports)



Product Overview:

The NetSource HE48NID-01 is a multi-dwelling unit (MDU) enclosure used for fiber terminations in multi-dwelling unit (MDU), fiber-to-the-premise (FTTP), and commercial building applications. It is installed at building entry points and utility locations for subscriber terminations and transitions between outside plant (OSP) and inside plant (ISP) cabling. The enclosure includes splice trays with capacity for up to 24 fiber splices and accommodates either 24 SC or 48 LC connections for patch-and-splice configurations. It supports splitter installations up to 1x16 in SC configurations. Cable entry grommets support approved drop and distribution cable types, and it mounts to a wall or pole.

Product Specifications:

- Part Number: HE-48NID-01
- Connector Capacity: 24 SC or 48 LC
- Splice: 24 fibers via fusion splicing
- Splitter: 1x12 or 1x16 splitters
- Cable Input: 2 ports (up to 14mm each)
- Cable Output: 24 ports (up to 5mm each)
- Locking Mechanism: Integrated key lock
- Mounting: Wall and screw mountable
- Dimensions: 12.59" x 9.44" x 3.93"

Environmental & Mechanical Properties:

- Operating Temperature Range: -40°C to 70°C (-40°F to 158°F)
- Outdoor UV Resistance: Meets Telcordia GR-49
- Material: ABS+PC (Acrylonitrile Butadiene Styrene + Polycarbonate)
- Ingress Protection: IP66 (dust tight and protected against water jets)
- Impact Rating: IK07 – resists moderate external impacts
- Flammability: UL 94 requirements
- Standards Compliance: RoHS and REACH