

HYBRID

Demarcation Boxes

Amphenol's Hybrid (Power and Fiber) Demarcation Boxes offer superior protection for indoor or outdoor equipment installations. Sealed polymer enclosures provide a long-life weather resistant location to demark, combine, or segregate optical signal fibers and copper power for connection to various communication equipment, including backhaul, macro and small cell wireless applications.

Enclosures are tailored with internal or external patching, splicing and/or distribution options to meet existing requirements and provision for future expansion. Entrance and exit ports can be configured to include pigtails, flexible port covers, sealing cable glands or pluggable receptacles for either copper power or optical fiber cables.

The enclosures are designed for easy installation in any location, ideal for wall and pole mount applications.



Hybrid Demarcation Box

Benefits

Feeder and Drop Customizable Connections -

Maximum flexibility and interchangeability to serve different network configurations and interconnectivity methods

Customizable Feeder and Drop Box Entrance -

Flexible cable entrance options that include weather proofing grommets for interconnect within the box, or harsh environment optical connectors for plug-n-play

Available for 4, 8, 12, 24, or 36 Fiber Count - High density and flexible designs with attention to cable management to accommodate all applications. This right-sized approach is intended to simplify infrastructure deployment for all environments

NEMA-4x Rated Enclosure - Designed to the highest environmental standard to ensure protection of the optical and power connections from wind, rain, flooding, UV, moisture, and other environmental factors that the box may be exposed to

UL Listed Housing - One indoor/outdoor solution to simplify your network deployment

Lockable Cover - Provides security and protection to network circuits from vandalism and tampering

Features

Capacity: 1 to 48 fiber capacity and up to 18 power conductors

Standard Dimension: 16"x14"x7" (other sizes available)

Material: Polycarbonate, Halogen free (optional)

Color: Grey

Ambient Temperature Range: -30 to +129°C

Circuit Breaker (optional): C20A, C32A

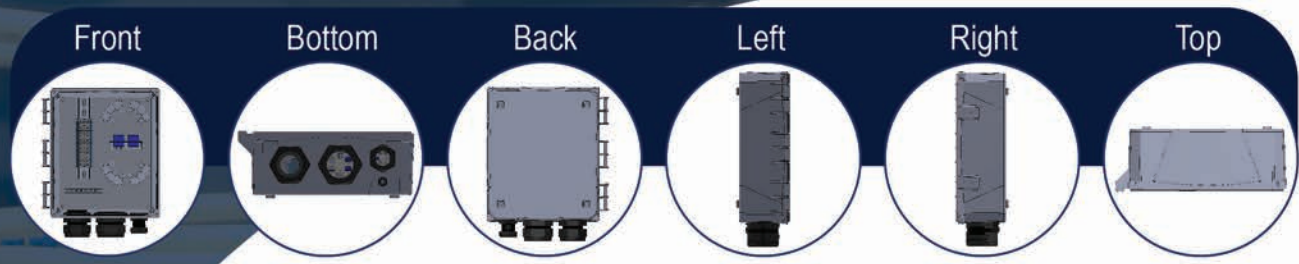
Surge Protection Device (optional): SPD type 1+2 or type 2

Impact Resistance: UL-746C

UV Resistance: UL 1581 Sec. 1200

Material Flammability Rating: UL-94

Reconfigurable layout



IP67 Sealed

Outdoor Rated

Din Rail

Alternative Connectors

Blocks

Gray

Blue

w/ Circuit Breaker

OVP Block

OVP Card

LC Adapters

Simplex

Duplex

Glands

Multi-port

Metallic

Flexible boot

Plastic

Box Entry

Pre-installed on Hybrid*

Pre-installed on Box

*Breakout on Hybrid to fit for optimal space utilization

Grounding

Strip

Block

Cable Management